



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

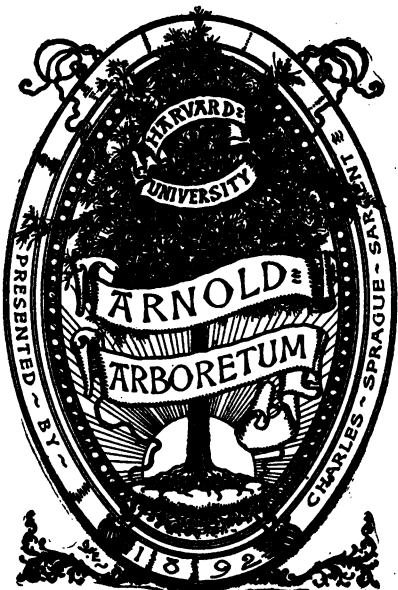
- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

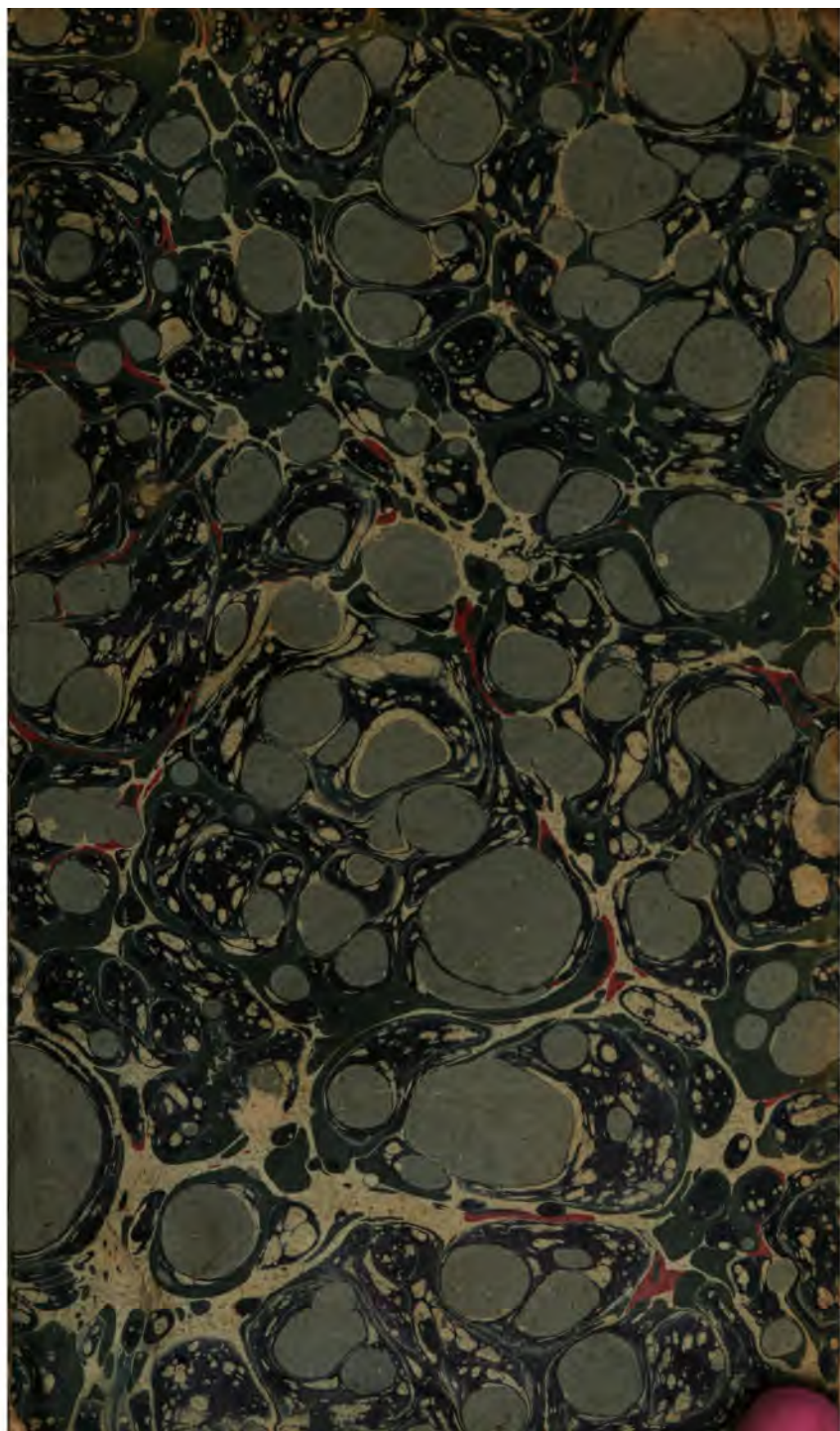
About Google Book Search

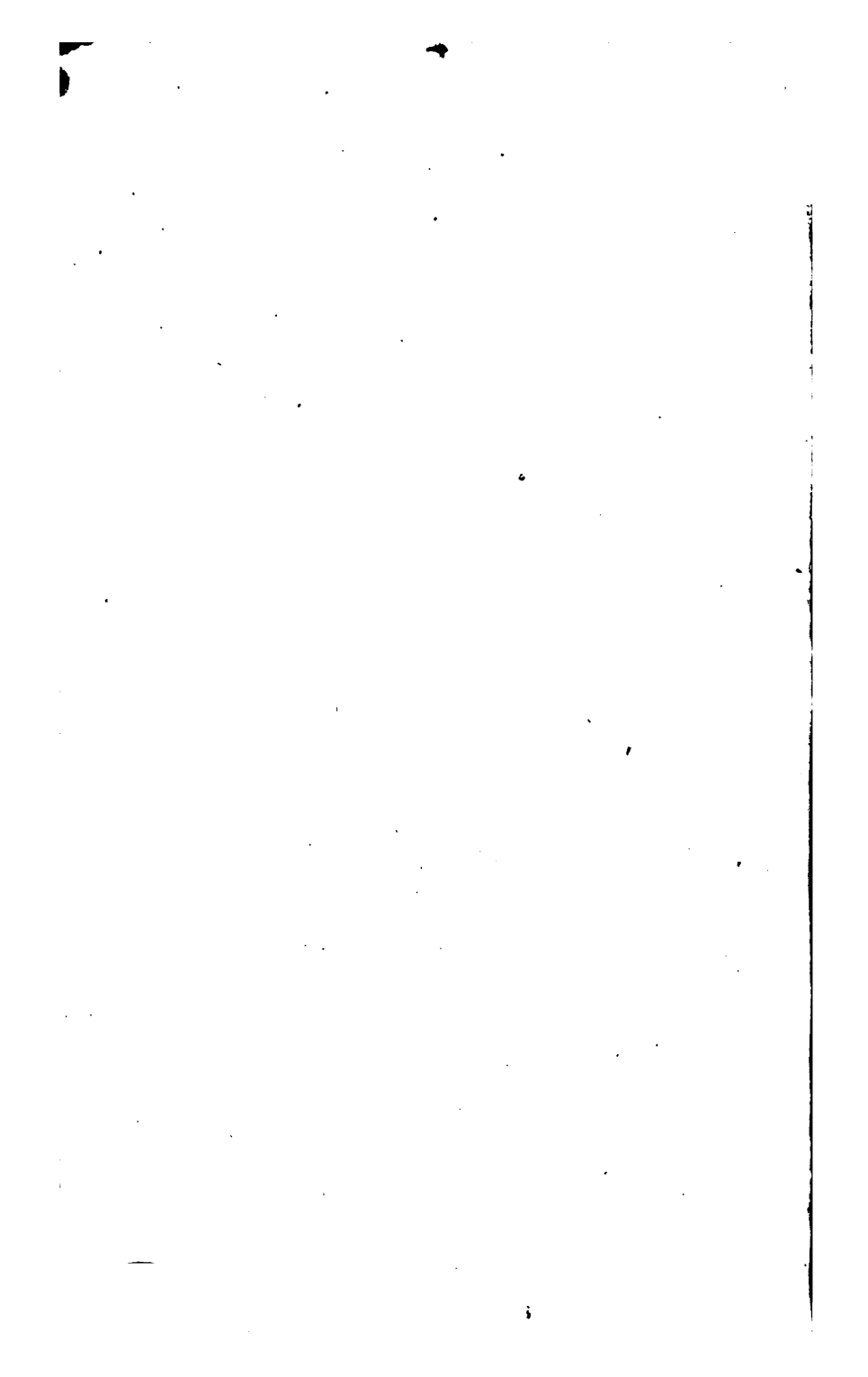
Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

724

CED
P14

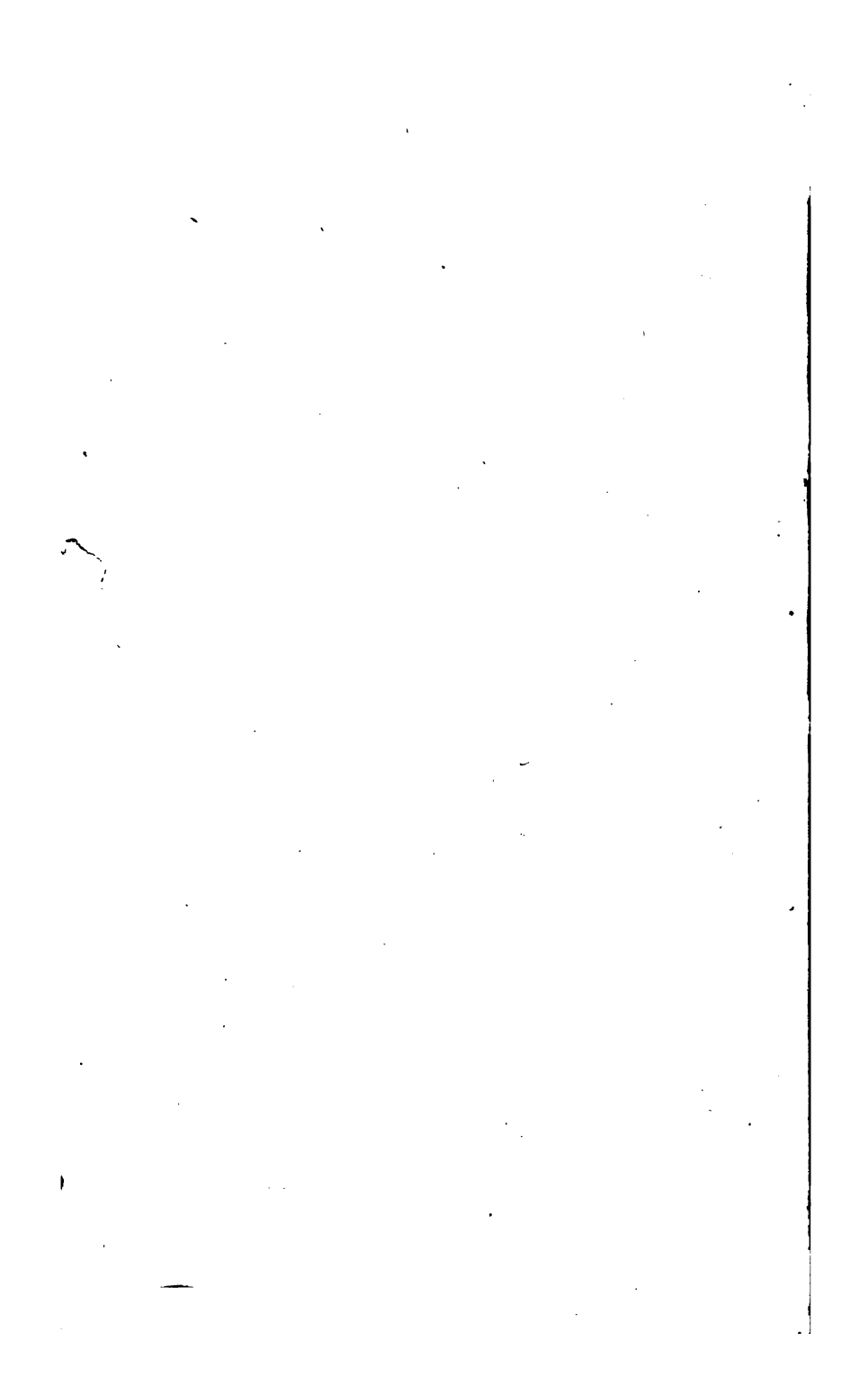


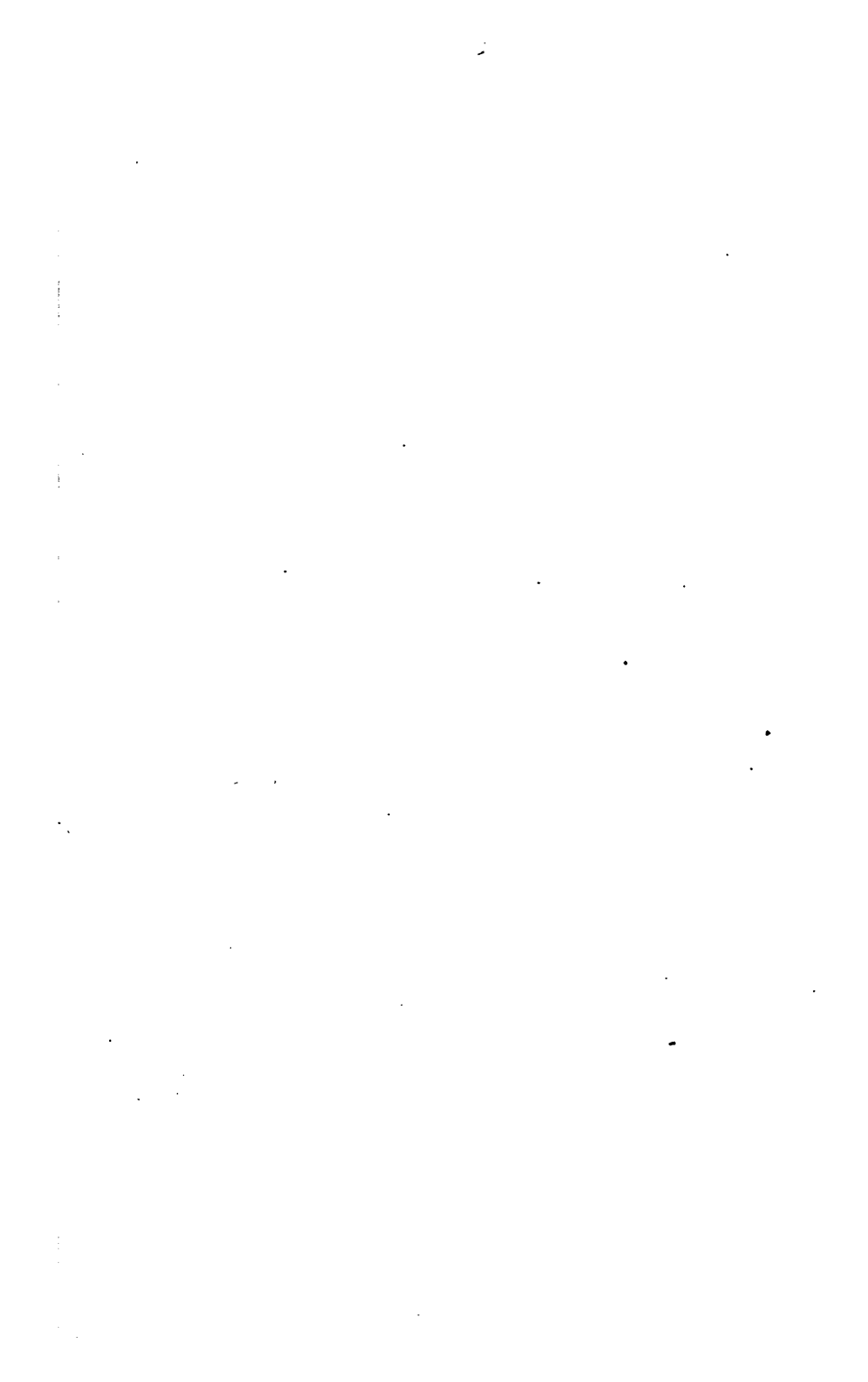












3252
46

PAGE's PRODROMUS;

AS A GENERAL

NOMENCLATURE

OF ALL

THE PLANTS, INDIGENOUS AND EXOTIC,

CULTIVATED IN THE

Southampton Botanic Gardens:

ARRANGED, ALPHABETICALLY, AS THEY ARE CONSIDERED HARDY OR
TENDER TO THE CLIMATE OF BRITAIN,

UNDER THEIR DIFFERENT CHARACTERS OF

TREES, SHRUBS, HERBACEOUS, &c.

THE GENERIC AND SPECIFIC NAMES, AFTER THE LINNÆAN SYSTEM;
WITH THE ENGLISH NAMES,
PROPAGATION, SOIL, HEIGHT, TIME OF FLOWERING, NATIVE COUNTRY;
&c. &c.

ALSO, OCCASIONAL HINTS FOR THEIR CULTIVATION.

AN APPENDIX,

CONTAINING

*Selected Lists of Annuals; all the choicest kinds of Fruit, now in general
Cultivation, with their Characters, &c.*

AND

A SHORT TRACT ON THE SEXUAL SYSTEM,

From the *Philosophia Botanica* of Linnæus.

BY

WILLIAM BRIDGEWATER PAGE,

SOUTHAMPTON,

(*From Lee and Kennedy's, Hammer-smith*)

NURSERYMAN, SEEDSMAN, and FLORIST, (by SPECIAL APPOINTMENT)

TO

Prince Leopold and the late Princess Charlotte.

LONDON:

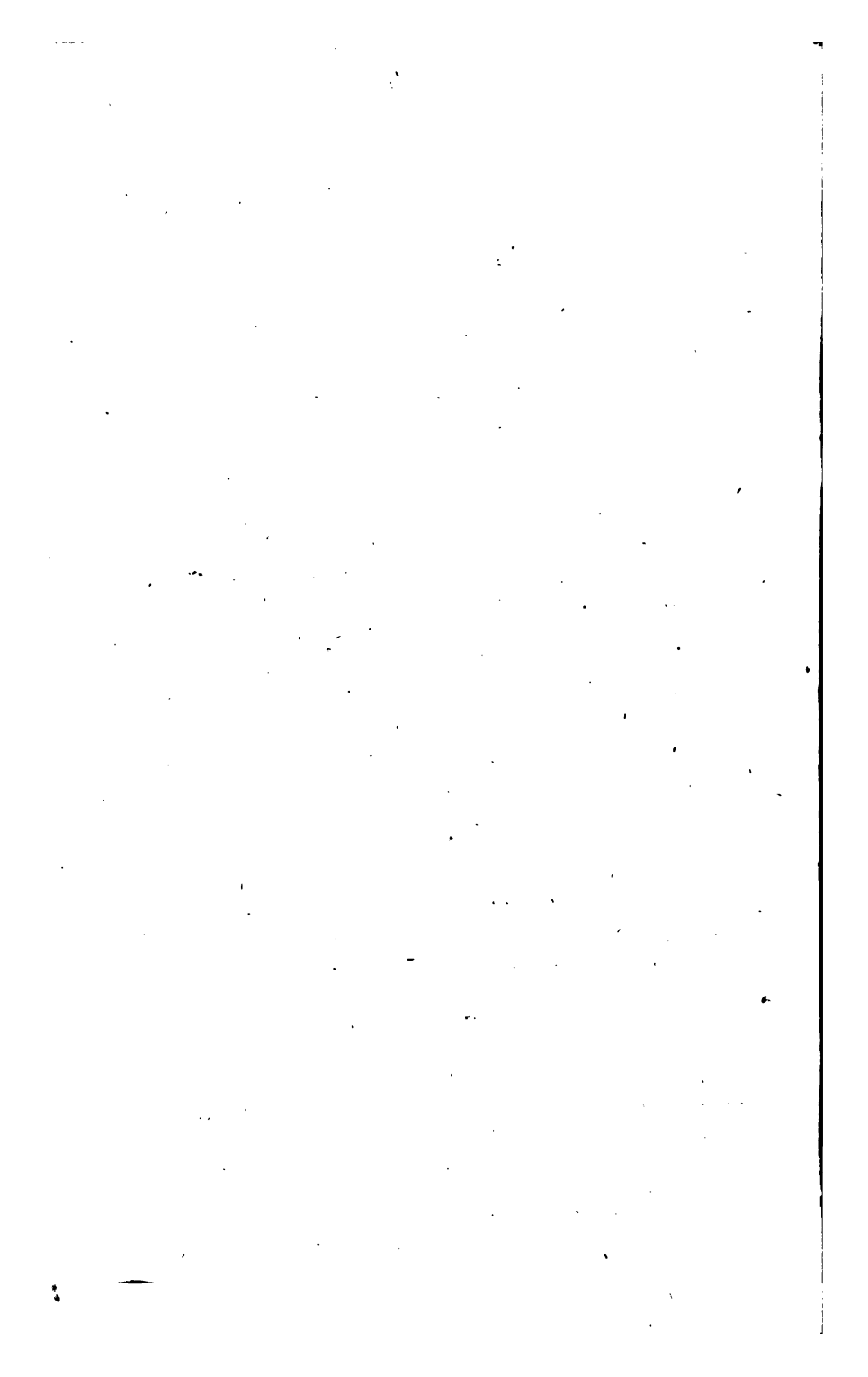
JOHN MURRAY, ALBEMARLE STREET.

1818.

Ced
P14

TO
HIS SERENE HIGHNESS
THE PRINCE LEOPOLD,
IN
GRATEFUL ACKNOWLEDGEMENT
OF THE
HIGH HONOUR OF HIS GRACIOUS PATRONAGE,
THE FOLLOWING PAGES
ARE,
WITH THE UTMOST DEFERENCE,
Inscribed,
BY
HIS DEVOTED AND FAITHFUL SERVANT,
WILLIAM BRIDGEWATER PAGE.

*Southampton,
March, 1818.*



PREFACE.

It will be both decorous and proper, in the author, as an excuse for this undertaking; at so early a period of his business, to explain the necessity and intention of it. Finding the impossibility of making individual applications, personally, from the constant and hourly attention his multifarious profession requires, his friends suggested this plan, as the best, to make himself known to those who were likely to honour him with their commands. He has, likewise, hopes he may claim their attention to it, from some little novelty it may contain, more than most of the recent publications of a similar character, as Botanical Catalogues of the Public Gardens at Cambridge, Liverpool, Kew, Dublin, &c., all of them arranged systematically; and that it will be acceptable to the public; although constructed upon less scientific principles, but much more simple ones, for general use. For by throwing the various charactered plants to their congeners in natural affinities; the Planter or Gardener, may, with all possible despatch, find such plants associated, from which to cull those may best suit his immediate purpose; or the exotic Gardener, his desiderata; without having occasion to search farther, or more, than to the particular end he then has in view.

The alphabetical method is adopted, as the readiest for practice, the whole being divided, in reference to their cultivation, into three parts; first as Hardy, second Greenhouse, third Hothouse.

These have each, again, their several sub-divisions; as Trees, Shrubs, Evergreens, Climbers, Herbaceous Plants, Grasses, Bulbs, Succulents, Aquatics, and Biennials.

No doubt some objection may be made to the number of sub-divisions, separating the species, of some Genera, so much; but, as, in the Indexes, a reference is made to each page where the Genus is mentioned, this little inconvenience, it is hoped, will be more than compensated, by the facility such arrangement will give to the general design of the work.

The time at which Exotic Plants have been introduced to Britain he has omitted, though adopted in most of the late Catalogues; the reason is, the information being derived from such vague sources, as well as the thing in itself being of little moment (even could the true date be discovered) to most readers, and of none to Gardeners.

Some apology is due for an attempt at giving the height of plants, a thing so very indeterminate, when they may have attained their full growth; but, as every one the least conversant in the business is aware, that soil and situation is paramount in this; so, what is here proposed, is that height to which they may attain in a favourable soil, &c.

To this end, therefore, is added, as far as experience and the most approved documents which can be procured extend, the proper pabulum for each: which, perhaps, may be of some use in directing the young Gardener, if not the more experienced Cultivator.

ILLUSTRATION OF THE NOTICES AND ABBREVIATIONS

MADE USE OF IN THE COURSE OF THE WORK.

AFTER the Latin and English Name of each Plant is marked, numerically, the Class and Order to which it belongs, according to the Sexual System of Linnæus; next, the best practice for its increase; then, the month in which it flowers in Britain; to this follow, the most suitable soil for its culture, the height to which it may attain in maturity, and lastly, the country where the plant is found indigenous.

The linear marks at the head of each column, and also those within the margin, govern the implied character, as marked in the antecedent line above, until a new mark occurs. The varieties are also noted by a similar sign, immediately under the species to which they belong.

ABBREVIATIONS, &c.

Cl.—Class.	Bud.—by Budding.
Or.—Order.	Gra.—Grafting.
Prop.—Propagation.	G. A.—Grafting by approach.
Flow.—Time of Flowering.	Cut.—Cuttings.
Hgt.—Height.	Lay.—Laying.
Country.—Native Country.	Root.—Roots.
fr.—Fruit Tree.	Seed.—Seeds.
ev.—Evergreen.	Suc.—Suckers.
fo.—Forest Tree.	
or.—Ornamental Tree.	

S. L.—Sandy loam, or light hazel loam.
H. L.—Heavy loam, or loam approaching to clay.
S. P.—Sandy peat, or, as a substitute, leaf mould.
C. P.—Common bog, or black moor earth.
R. M.—Rich mould, or a mixture of rotten dung and loam.
P. L.—Peat and loam mixture, most peat, as 2 to 1.
L. P.—Loam and peat mixture, most loam, as above.
M. S.—Moist land, or boggy ground.
Com.—Any common earth.

C. G. H.—Cape of Good Hope.
N. Hol.—New Holland.
W. Ind.—West India Islands.
E. Ind.—East Indies, or continent of India.
S. Am.—South America, within the Tropics.
N. Am.—North America, from Pennsylvania to New England.
S. Eu.—South of Europe.
N. Eu.—North of Europe.

An asterisk (*) is placed before the more tender plants, amongst those called Hardy; also, for the same purpose, before the most tender of those consigned to the Greenhouse or Hothouse; and before the sorts of Fruits, as being those the most approved.

A FEW RULES,

OFFERED AS A GUIDE TO YOUNG GARDENERS, &c.

FOR THE JUST

Pronunciation of Botanical Terms.*Sign for a long (ē) and short (ĕ) Syllable. Accent (').*

A vowel before two consonants is long, as Anēthum, Cerāstium, Callitriché, Chiocōcca, Diŭrnum. The e final, is always sounded full; as Elatiné, Agavé, Argemoné, Edulé. Ch, as derived from the Greek, is pronounced like K; as Chlora, Klora—Cochliaria, Cokliaria. The diphthongs are long; as Ipomœa, Hymenœa. A vowel preceding another vowel is usually short; as in A'plum, Allium, A'rdūina. As an exception to this, however, and which frequently occurs, is the e when coming before a vowel in the last syllable; as Olœa, Lutœa, Rosœa, Juncœus, Limœum. The vowel in the last syllable but one, is either long or short in words ending as below, for specific names through the three genders.

LONG.

<i>mas.</i>	<i>fem.</i>	<i>neut.</i>
Triviālis	is	é
Americānus	a	um
Vulgāris	is	é
Spicātus	a	um
Rosēus	a	um
Canīnus	a	um
Æstivus	a	um
Crinītus	a	um
Triflorus	a	um
Trigonus	a	um
Formōsus	a	um
Retūsus	a	um
Hirsūtus	a	um

SHORT.

<i>mas.</i>	<i>fem.</i>	<i>neut.</i>
Barbārus	a	um
Pomifērus	a	um
Lanigērus	a	um
Saxatilis	is	é
Oppositus	a	um
Virīdis	is	é
Indīcus	a	um
Viscidus	a	um
Minimus	a	um
Luteolus	a	um
Dichotōmus	a	um
Patūlus	a	um
Coagūlans, &c.		

REFERENTIAL TABLE OF CONTENTS.

FIRST DIVISION.—HARDY PLANTS.

	Page.		Page.
Trees - - - - -	9	Aquatics - - - - -	93
Deciduous Shrubs - - - -	16	Marsh Plants - - - - -	95
Evergreen Shrubs - - - -	33	Biennials - - - - -	97
Climbing Shrubs - - - -	41	Latin Index - - - - -	105
Herbaceous Plants - - - -	44	English Index - - - - -	109
Grasses - - - - -	82	Calculation for Planting, and	
Plants used in Agriculture -	85	Errata - - - - -	113
Bulbous-rooted Plants - -	88		

SECOND DIVISION.—GREENHOUSE PLANTS.

Tree and Shrubs - - - -	115	Herbaceous Plants - - -	179
Directions for raising Heaths	127	Latin Index - - - - -	187
Climbing Plants - - - -	162	English Index - - - - -	191
Succulent Plants - - - -	164	Directions for Potting, and	
Bulbous-rooted Plants - -	173	Errata - - - - -	193

THIRD DIVISION.—HOTHOUSE PLANTS.

Trees and Shrubs - - - -	195	Aquatics - - - - -	227
Climbing Plants - - - -	214	Reedy Plants - - - - -	228
Succulent Plants - - - -	217	Latin Index - - - - -	230
Bulbous-rooted Plants - -	221	English Index - - - - -	233
Herbaceous Plants - - - -	223		

APPENDIX.—ANNUALS.

Hardy - - - - -	235	Tender - - - - -	245
Half Hardy - - - - -	242	Esculent, or Kitchen Garden	247

CATALOGUE OF FRUIT TREES.

Apples - - - - -	252	Plums - - - - -	259
Pears - - - - -	255	Vines - - - - -	260
Peaches and Nectarines - -	257	Figs and Gooseberries - -	261
Apricots and Cherries - -	258	Raspberries, Strawberries, &c.	262

REVIEW of the SEXUAL SYSTEM of BOTANY - - - - -	265
-------------------------------------------------	-----

THE HISTORY OF THE UNITED STATES

OF

THE

THE HISTORY OF THE UNITED STATES
OF AMERICA
FROM THE FIRST SETTLEMENTS
TO THE PRESENT TIME
BY
JAMES M. SMITH

THE HISTORY OF THE UNITED STATES

THE HISTORY OF THE UNITED STATES
OF AMERICA
FROM THE FIRST SETTLEMENTS
TO THE PRESENT TIME
BY
JAMES M. SMITH

THE HISTORY OF THE UNITED STATES
OF AMERICA
FROM THE FIRST SETTLEMENTS
TO THE PRESENT TIME
BY
JAMES M. SMITH

THE HISTORY OF THE UNITED STATES
OF AMERICA
FROM THE FIRST SETTLEMENTS
TO THE PRESENT TIME
BY
JAMES M. SMITH

THE HISTORY OF THE UNITED STATES
OF AMERICA
FROM THE FIRST SETTLEMENTS
TO THE PRESENT TIME
BY
JAMES M. SMITH

THE HISTORY OF THE UNITED STATES
OF AMERICA
FROM THE FIRST SETTLEMENTS
TO THE PRESENT TIME
BY
JAMES M. SMITH

FIRST DIVISION,

PLANTS THAT WILL ENDURE THE SEVERITY OF A BRITISH
WINTER, WITHOUT PROTECTION;

Subdivided into Nine Sections.

1 Trees,	4 Climbing Shrubs,	7 Bulbs,
2 Deciduous Shrubs,	5 Herbaceous Plants,	8 Aquatics, and
3 Evergreen Shrubs,	6 Grasses,	9 Biennials.

SECTION I.—TREES.

		Cl. Or.	Prop.	Flw.	Soil.	Hgt.	Country.
ACER,		23. 1.					
fo. Campestre.	Common	Seed	May	Com:	25.		Britain.
or. — fol: arg:	— Silver-striped	Lay:			20.		
— dasycarpum.	Sir G. Wager's			S. E.	25.		N. Am.
— hybridum:	Bastard						
— lobatum.	Lobe-leaved						
— montanum.	Mountain						
— negundo.	Ash-leaved						
fo. Opalus.	Italian			Com.	50.		Italy.
or. pensylvanicum.	Striped-bark			S. L.	25.		N. Am.
fo. Platanoides.	Norway	Seed	June	Com:	50.		Europe.
or. — laciniatum.	Cut-leaved	Lay:			30.		
fo. Pseudo-platanus.	Sycamore	Seed			50.		
or. — fol: arg:	— Silver-striped	Lay:			30.		
— fol: aur:	— Gold-striped						
— rubrum.	Scarlet			S. L.	20.		N. Am.
fo. saccarinum.	Sugar	Seed			40.		
or. Tartaricum.	Tartarian	Lay:	May	Com:	20.		Tartary.
ESCLUS,		7. 1.					
fo. Hippocastanum.	Common	Seed	May	Com:	40.		Asia.
br. — fol: aur:	— Gold-striped	Gra:					
— fol: arg:	— Silver-striped						
— flava.	Yellow			June	S. L. 20.		Carolina.
— pavia.	Scarlet						
— rosea.	Pale						
AILANTHUS,		23. 1.					
or. glandulosa.	Chinese	Suc:	Aug:	S. L.	25.		China.

TREES.—First Division, Sec. 1.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.	
ARNUS,								
fo.	glutinosa.	Common	Seed	May	M.S.	25.	Britain.	
or.	— laciniata.	— Cut-leaved	Lay:	—	—	—	—	
—	— quercifolia.	— Oak-leaved	—	—	—	—	—	
—	— spinulosa.	— Prickly-leaved	—	—	—	—	—	
—	— oblongata.	Turkey	—	—	—	20.	Austria.	
—	— elliptica.	— Oval-leaved	—	—	—	—	—	
AMYGDALUS,								
fr.	Communis.	ALMOND.	22. 6.	Seed	May	H.L.	15.	Persia.
—	— amara.	— Common sweet	—	—	—	—	—	—
—	Persica.	Bitter	—	—	—	—	—	—
or.	— fl: pleno.	Peach	Bud:	—	—	—	—	—
fr.	— fruc: glab:	— Double blossom	—	—	—	—	—	—
—	—	— Nectarine	—	—	—	—	—	—
BETULA,								
fo.	alba.	BIRCH.	21. 7.	Seed	Apr.	Com:	40.	Britain.
or.	— pendula.	— Common	—	—	—	—	—	—
—	— daurica.	— Weeping	—	—	—	—	—	—
fo.	— excelsa.	Daurian	Lay:	May	—	30.	Dauria.	—
—	— lenta.	Tall	Seed	—	—	60.	N. Am.	—
—	— nigra.	— Canada	Lay:	June	—	50.	—	—
—	— papyracea.	Black	—	—	—	60.	—	—
—	— populifolia.	Paper	—	—	—	50.	—	—
—	— rubra.	— Poplar-leaved	—	July	—	30.	—	—
—	—	Red	—	June	—	40.	—	—
CARPINUS,								
or.	Americana.	HORNBEAM.	21. 7.	Seed	May	Com:	20.	N. Am.
fo.	Betulus.	— American	—	—	—	—	—	—
—	— incisa.	Common	—	—	—	30.	Britain.	—
—	—	— Cut-leaved	Lay:	—	—	15.	—	—
CASTANEA,								
fr.	vesca.	CHESNUT.	21. 7.	Seed	June	S.L.	50.	Britain.
or.	— fol: aur:	Sweet Spanish	Gra:	—	—	20.	—	—
—	— fol: arg:	— Gold-striped	—	—	—	—	—	—
—	— heterophylla.	— Silver-striped	—	—	—	—	—	—
—	— fol: lucidis.	— Various-leaved	—	—	—	—	—	—
—	—	— Shining-leaved	—	—	—	—	—	—
CATALPA,								
or.	syringifolia.	CATALPA.	2. 1.	Seed	June	P.L.	20.	Britain.
—	—	Lilac-leaved	—	—	—	—	—	—
or.	Celtis.	NETTLE-TREE.	23. 1.	Seed	May	Com:	40.	S. Eu.
—	— Australis.	European	Lay:	—	—	20.	N. Am.	—
—	— Occidentalis.	American	—	—	—	15.	Levant.	—
—	— Orientalis.	Oriental	—	—	—	—	—	—
CERCIS,								
or.	Canadensis.	JUDAS-TREE.	10. 1.	Seed	May	S.L.	18.	N. Am.
—	siliquastrum.	American	—	—	—	20.	S. Eu.	—
—	— fl: alb:	European	Lay:	—	—	—	—	—
—	—	— White-flowered	—	—	—	—	—	—
CRATÆGUS,								
or.	acerifolia.	HAWTHORN.	12. 2.	Bud:	May	Com:	20.	N. Am.
—	apiifolia.	Maple-leaved	—	—	—	—	—	—
—	Azarolus.	Parsley-leaved	—	—	—	—	—	—
—	coccinea.	Azerole	—	—	—	—	—	—
—	cordifolia.	Scarlet-fruited	—	—	—	—	—	—
—	Crus Galli.	Heart-leaved	—	—	—	—	—	—
—	— pyracanthi fol:	Cockspur	—	—	—	—	—	—
—	— salicifolia.	— Pyracantha-ld	—	—	—	—	—	—
—	—	Willow-leaved	—	—	—	—	—	—

TREES.—First Division, Sec 1.

11

			Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
			12. 2.					
CRATEGUS.		HAWTHORN.						
sp. elliptica.	Oval-leaved			Bud:	May,	Com:	20.	N. Am.
— fissa.	Split-leaved							
— flava.	Yellow							
— glandulosa.	Hollow-leaved							
— grossularifolia.	Gooseberry-leaf'd							
— hybrida.	Hybrid							
— incisa.	Cut-leaved							
— nigra.	Black-fruited							
— odoratissima.	Constantinople			June				Greece.
fo. Oxycantha.	— Common white			Seed May				Britain.
or. — aurea.	— Yellow berry'd			Bud:				
— pleno.	— Double							
— præcox.	— Glastonbury			Feb:				
— rosea.	— Scarlet			May				
— fol: var:	— Striped-leaved							
— parvifolia.	Small-leaved						15.	N. Am.
— punctata.	Spotted							
— pyrifolia.	Pear-leaved							
— sanguinea.	Bloody							
— spathulata.	Spathula-leaved							
— spinosissima.	Most-prickly							
— splendens.	Shewy							
fr. tanacetifolia.	Tansey-leaved						20.	Greece.
CUPRESSUS.		CYPRESS.	21. 8.					
or. disticha.	Deciduous			Seed May	S. P.	30.		N. Am.
CVTISUS.		LABURNUM.	17. 4.					
or. Laburnum.	Common			Seed June	Com:	30.		S. Eu.
— Alpinus.	Scotch							
DIOSEPYRUS.		DATE-PLUM.	23. 2.					
or. Lotus.	European			Lay: June	S. L.	20.		Italy.
— Virginiana.	Pishamin-Plum			Seed —				N. Am.
EVONYMUS.		SPINDLE-TREE.	5. 1.					
fo. Europæus.	Common			Seed May	S. L.	15.		Britain.
or. — fol: aur:	— Gold blotched			Lay: —				
— fruct: alb:	— White-fruited					8.		
— fruct: pall:	— Pale-fruited							
— latifolius.	Broad-leaved					10.		Austria.
FAGUS.		BEECH.	2. 7.					
or. ferruginea.	Broad-leaved			Lay: June	S. L.	30.		N. Am.
fo. sylvatica.	Common			Seed May	Com:	70.		Britain.
or. — fol: aur:	— Gold-striped			Gra: —		30.		
— fol: arg:	— Silver-striped							
— purpurea.	— Purple-leaved			Lay: —				
— cuprea.	— Copper-leaved							
FRAXINUS.		ASH.	23. 2.					
fo. Americana.	White American			Gra: May	Com:	20.		N. Am.
— pubescens.	Black American							
— rubra.	Red American							
— Excelsior.	Common			Seed —		70.		Britain.
— altissima.	— Tallest							
or. — pendula.	— Weeping			Lay: —				

TREES.—First Division, Sec. 1.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country,
		23. 2.					
FRAXINUS,	ASH.						
or. — simplicifolia.	— Entire-leaved					Gra: May Com: 30.	Britain,
— — stricta.	— Striped-bark					— — — — —	— — — — —
— — variegata.	— Variegated					— — — — —	— — — — —
GLEDITSCHIA,	GLEDITSCHIA.	23. 2.					
or. triacanthos.	Three-thorned			Seed July 8. L.	30.		N. Am.
GYMNOCLADUS,	BONDUC.	22. 9.					
or. Canadensis.	Canada			Root — — — —	20.		— — — — —
JUGLANS,	WALNUT.	21. 7.					
fr. alba.	White Hickery			Seed May Com: 30.			N. Am.
— angustifolia.	Narrow-leaved			— — — — —			— — — — —
— cinerea.	Shell-bark			— — — — —			— — — — —
— compressa.	Flat-fruited			— — — — —			— — — — —
— nigra.	Black			— — — — —			— — — — —
— olivæformis.	Illinois-nut			— — — — —			— — — — —
— regia.	Common			— — — — —	50.		Persia,
— — major.	— French			— — — — —			— — — — —
LAURUS,	LAUREL.	9. 1.					
or. Sassafras,	Sassafras-Tree			Seed June S.L. 15.			N. Am.
LIQUIDAMBAR,	LIQUIDAMBAR.	21. 7.					
or. styraciflua.	Maple-leaved			Seed April S.L. 30.			— — — — —
LIRIODENDRON,	TULIP-TREE.	13. 5.					
or. tulipifera.	Common			Seed July S.L. 60.			N. Am.
— — integrifolia.	— Entire-leaved			— — — — —			— — — — —
MAGNOLIA,	MAGNOLIA.	13. 6.					
or. acuminata.	Blue-flowered			Lay: June S.L. 25.			N. Am.
— cordifolia.	Heart-leaved			— — — — —			— — — — —
— tripetala.	Umbrella			— — — — —	30.		— — — — —
MESPILUS.	MEDLAR.	12. 4.					
fr. germanica.	Upright			Gra: May H.L. 12.			Britain.
— — diffusa.	— Weeping			— — — — —			— — — — —
MORUS,	MULBERRY.	21. 4.					
or. alba.	White			Lay: June Com: 30.			China.
fr. nigra.	Common			— — — — —			— — — — —
NYSSA,	TUPELO-TREE.	23. 2.					
or. aquatica.	Water			Lay: June S.L. 30.			N. Am.
— montana.	Mountain			— — — — —	20.		— — — — —
OSTRYA,	HOP-HORNBEAM.	21. 7.					
or. virginica.	Virginian			— — — — —			— — — — —
— vulgaris.	Common			— — — — —			— — — — —
PINUS,	PINE.	21. 8.					
fo. Abies.	Com: Spruce Fir			Seed April S.L. 100			N. Eu.
— — alba.	— Whi: Spruce F:			— — — — —	50.		— — — — —
— — nigra.	— Blk: Spruce F:			— — — — —			— — — — —
— — rubra.	— Red Spruce F:			— — — — —			— — — — —
— Balsamea.	Balm of Gilead F:			— — — — —	May		— — — — —
or. canadensis.	Hemloc Spruce F:			— — — — —	30.		N. Am.
— Cedrus.	Cedar of Lebanon			— — — — —	60.		Levant.
— inops.	Jersey			— — — — —	50.		N. Am.
fo. Larix.	Common Larch			— — — — —			Switz.
or. — microcarpa.	— Red Larch			Mar: — — — —	80.		N. Am.
— — pendula.	— Black Larch			— — — — —	30.		— — — — —

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
		21. 8.					
PINUS,		PINE.					
fo.	Picea.	Silver Fir	Lay:	Mar:	S. L.	30.	N. Am.
—	Pinaster,	Pinaster	—	May	—	60.	N. Eu.
—	Pinea.	Stone-pine	—	—	—	40.	S. Eu.
or.	pungens.	Prickly-coned	—	—	—	—	N. Am.
—	resinosa.	Pitch-pine	—	—	—	50.	—
—	rigida.	Three-leaved	—	—	—	80.	—
fo.	Strobus.	Weymouth	—	—	—	50.	—
—	Sylvestris.	Scotch Fir	—	April	—	80.	Britain.
or.	— Banksiana.	Hudson's Bay	—	May	—	60.	Hud. Bay
—	— maritima.	— Sea-pine	—	—	—	40.	S. Eu.
—	Tæda.	Frankincense	—	—	—	30.	N. Am.
—	variabilis.	Two & three leaved	—	—	—	40.	—
PLATANUS,		PLANE.					
fo.	occidentalis.	American	Cut:	May	Com:	70.	N. Am.
—	— acerifolia.	— Spanish	—	—	—	—	—
—	Orientalis.	Oriental	—	—	—	50.	Levant.
or.	— cuniata.	— Wave-leaved	—	—	—	—	—
POPULUS,		POPLAR.					
fo.	alba.	Abele Tree	Suc:	Mar:	Com:	40.	Britain.
or.	angulata.	Carolina	Cut:	May	—	—	N. Am.
fo.	balsamifera.	Balsam	—	April	—	—	N. Am.
or.	candicans,	Heart-leaved	Gra:	Mar:	—	20.	—
fo.	canescens.	Common white	Suc:	—	—	40.	Britain.
—	dilatata.	Lombardy	Cut:	Mar:	Com:	70.	Italy.
—	græca.	Athenian	—	—	—	40.	Greece.
or.	heterophylla.	Various-leaved	Gra:	—	—	20.	N. Am.
—	lævigata.	Smooth-leaved	—	—	—	30.	—
fo.	monolifera.	Canadian	Cut:	May	—	—	—
—	nigra.	Black	—	Mar:	—	—	Britain.
or.	pendula.	Weeping	—	—	—	20.	N. Am.
fo.	tremula.	Aspen	Suc:	—	—	50.	Britain.
or.	trepida.	Trembling	Cut:	—	—	30.	N. Am.
PRUNUS,		PLUM.					
fr.	Armeniaca.	Apricot	Gra:	April	L. M.	15.	Persia.
—	avium.	Wild Cherry	Seed	—	Com:	50.	Britain.
—	Cerasus.	Cultivated Cherry	Gra:	—	S. L.	20.	Persia.
—	domestica.	Cultivated Plum	—	—	R. M.	20.	S. Eu.
—	nigra.	Black Cherry	—	—	Com:	—	N. Am.
or.	Padus.	Bird Cherry	Lay:	—	—	30.	Britain.
—	— rubra.	Cornish Bird do.	—	—	—	—	—
—	pensylvanica.	Pensylvanian do.	Seed	—	—	—	N. Am.
—	serotina.	Late-flowering	Lay:	June	—	—	—
fr.	spinosa.	Sloe	Seed	Mar:	Com:	15.	Britain.
PYRUS,		PEAR.					
or.	angustifolia.	Narrow-leaf	Gra:	April	Com:	20.	N. Am.
fo.	Aria.	White Beam	—	—	—	40.	Britain.
or.	— dentata.	— Swedish	—	—	—	—	Sweden.
—	baccata.	Small-fruited Crab	—	—	—	15.	Siberia.
fr.	communis.	Common Pear	—	—	—	20.	Britain.
or.	— fl: pleno.	— Double-blossom	—	—	—	—	—
—	— fol: var:	— Striped-leaf	—	—	—	—	—

			Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country
			12. 3.					
PYRUS,			PEAR.					
or.	corymbosa.	Sweet Crab	Gra:	April	Com:	20.	N. Am.	
fr.	Cydonia.	Pear-shpd: Quince	Cut:	May	M.S.	15.	N. Eu.	
—	— pomiformis.	— Apple-shaped	—	—	—	—	—	—
—	malus.	Common Apple	Gra:	—	R.M.	20.	Britain.	
or.	Pollveria.	Wooley-lvd: Pear	—	May	Com:	15.	N. Eu.	
—	prunifolia.	Siberian Crab	—	—	—	20.	Siberia.	
—	salicifolia.	Willow-leaved	—	—	—	—	—	—
—	spectabilis.	Chinese Crab	—	—	—	—	China.	
fr.	terminalis.	Wild Service	Seed	—	—	50.	Britain.	
QUERCUS,			OAK.					
or.	alba.	White	Seed	May	S.L.	40.	N. Am.	
—	aquatica.	Water	—	—	—	—	—	—
—	— attenuata.	— Narrow-leaved	—	—	—	—	—	—
—	— heterophyllus.	— Various-leaved	—	—	—	—	—	—
—	— indivisus.	— Entire-leaved	—	—	—	—	—	—
—	— longifolius.	Long-leaved	—	—	—	—	—	—
—	candida.	Hoary	—	—	—	—	—	—
fo.	cerris.	Turkey	—	—	—	50.	S. Eu.	
or.	exoniensis.	Lucombe's	Gra:	—	—	—	—	—
—	— Turneri.	— Turner's	—	—	—	—	—	—
—	— latifolius.	— Broad-leaved	—	—	—	—	—	—
—	oecocina.	Searlet	Seed	—	—	—	N. Am.	
—	— montana.	— Mountain	—	—	—	—	—	—
—	— elongata.	— Downy-leaved	—	May	—	40.	—	—
—	falcata.	— Scymitar-lvd:	—	—	—	—	—	—
fo.	ilex.	Evergreen	—	—	—	60.	S. Eu.	
or.	— integrifolia.	— Entire-leaved	Gra:	—	—	—	—	—
—	— latifolia.	— Broad-leaved	—	—	—	—	—	—
—	nigra.	Black	Seed	—	—	—	—	—
—	palustris.	Swamp	—	—	—	—	—	—
—	phellos.	Willow-leaved	—	—	—	—	—	—
—	prinus.	Chesnut-leaved	—	—	—	—	—	—
—	— latifolia.	— Broad	—	—	—	—	—	—
—	— longifolia.	— Long	—	—	—	—	—	—
fo.	robur.	Common	—	April	H.L.	60.	Britain.	
—	— fruc: sessile.	— Sessile-fruited	—	—	—	40.	—	—
—	rubra.	Red	—	—	S.L.	—	N. Am.	
—	— montana.	— Mountain	—	—	—	—	—	—
or.	tinctaria.	Dyer's	—	—	—	—	—	—
RHAMNUS,			BUCKTHORN.					
fo.	catharticus.	Sea	5. 1.	Lay:	June	Com:	15.	Britain.
—	frangula.	Berry-bearg: Alder	Seed	April	—	12.	—	—
ROBINIA,			ACACIA.					
fo.	pseud-acacia.	Common	17. 4.	Seed	June	S.L.	40.	N. Am.
or.	viscosa.	Clammy-stem'd	Gra:	July	—	30.	—	—
SALISBURIA,			SALISBURIA.					
or.	adiantifolia.	Maiden-hair Tree	21. 7.	Cut:	April	S.L.	20.	Japan.
SALIX,			WILLOW.					
fo.	alba.	Common-white	22. 2.	Cut:	April	M.S.	40.	Britain.
—	amygdalina.	Peach-leaved	—	—	—	30.	—	—
—	babylonica.	Weeping	—	—	—	40.	Levant.	

		Cl. Or.	Prop.	Flow.	Soft.	Hgt.	Country.
SALIX,	WILLOW.	22. 2.					
fo. caprea.	Round-leaved	Cut:	April	M.S.	30.	Britain.	
— cineria.	Gray	—	—	—	15.	—	
— fragilis.	Crack	—	—	—	—	—	
— hastata.	Halbert-leaved	—	—	—	—	—	
— Helix.	Rose	—	—	—	—	—	
— hermaphrodita.	Hermaphrodite	—	—	—	—	—	
— pentandra.	Bay-leaved	—	—	—	15.	—	
— triandra.	Triandrous	—	—	—	30.	—	
— vitellina.	Golden Osies	—	—	—	15.	—	
SAMBUCUS,	ELDER-TREE.	5. 3.					
fr. nigra.	Common	Cut:	June	Com:	15.	Britain.	
SOPHORA,	SOPHORA.	10. 1.					
or. japonica.	Japanese	Seed	July	S.L.	40.	Japan.	
SORBUS,	SERVICE-TREE.	12. 3.					
fo. aucuparia.	Mountain Ash	Seed	June	Com:	30.	Britain.	
— domestica.	True	—	—	—	60.	—	
— hybrida.	Bastard	—	—	—	40.	—	
TAXUS,	YEW-TREE.	22. 13.					
fo. baccifera.	Common	Seed	Mar:	Com:	25.	Britain.	
FRAXINUS,	FRAXINUS.	13. 1.					
fo. alba.	White	Lay:	July	Com:	30.	S. Eu.	
or. americana.	Broad-leaved	—	—	—	—	N. Am.	
fo. europæa.	Common	—	June	—	50.	Britain.	
— cerallina.	Red-twiggèd	—	—	—	—	—	
or. pubescens.	Downy-leaved	—	July	—	20.	Carolina.	
ULMUS,	ELM.	5. 2.					
or. americana.	American-red	Seed	April	Com:	40.	N. Am.	
— alba.	White	—	—	—	—	—	
— pendula.	Drooping	—	—	—	—	—	
— campestris.	English	Lay:	—	—	80.	Britain.	
fol: var:	Striped-leaf	—	—	—	—	—	
— sativa.	Cornish	—	—	—	40.	—	
— montana.	Wyth or Scotch	Seed	—	—	—	—	
— nemoralis.	Hornbeam-leaved	Lay:	—	—	—	N. Am.	
— rubra.	Dutch	—	—	—	—	S. Eu.	

DECIDUOUS SHRUBS.

DIVISION I.—SECTION II.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
ACER,	MAPLE,	23. 1.	—	—	—	—	—
monspessulanum.	Montpellier	—	—	—	—	—	—
ÆSCULUS,	HORSECHESNUT,	7. 1.	—	—	—	—	—
aculeata.	Spiny-fruited	—	—	—	—	—	—
humilis.	Dwarf	—	—	—	—	—	—
macrostachya.	Large-spiked	—	—	—	—	—	—
parviflora.	Small-flowered	—	—	—	—	—	—
ALNUS,	ALDER.	21. 4.	—	—	—	—	—
pumila.	Dwarf	—	—	—	—	—	—
AMORPHA,	BASTARD INDIGO.	17. 4.	—	—	—	—	—
fruticosa.	Shrubby	—	—	—	—	—	—
AMYGDALUS,	ALMOND.	12. 1.	—	—	—	—	—
communis pl:	Com: Double	—	—	—	—	—	—
nana.	Dwarf	—	—	—	—	—	—
persica nana.	Dwarf Peach	—	—	—	—	—	—
— fl: pleno.	Dble-flow: Peach	—	—	—	—	—	—
pumila pleno.	Double Dwarf	—	—	—	—	—	—
orientalis.	Silver-leaved	—	—	—	—	—	—
siberica.	Siberian	—	—	—	—	—	—
sinensis.	Chinese	—	—	—	—	—	—
ANDROMEDA,	ANDROMEDA.	10. 1.	—	—	—	—	—
arborea.	Sorrel Tree	—	—	—	—	—	—
canescens.	Downy	—	—	—	—	—	—
cassinifolia.	Cassine-leaved	—	—	—	—	—	—
dealbata.	Whitened-leaved	—	—	—	—	—	—
frondosa.	Green-stemm'd	—	—	—	—	—	—
globulifera.	Globe-flowered	—	—	—	—	—	—
mariana.	Maryland	—	—	—	—	—	—
— lanceolata.	Oblong-leaved	—	—	—	—	—	—
paniculata.	Panicled	—	—	—	—	—	—
— undulata.	— Wave-leaved	—	—	—	—	—	—
pulverulenta.	Powdered	—	—	—	—	—	—
racemosa.	Branching	—	—	—	—	—	—
ANONNA,	CUSTARD APPLE.	13. 7.	—	—	—	—	—
triloba.	Three-cornered	—	—	—	—	—	—
ARALIA,	ARALIA.	5. 3.	—	—	—	—	—
hispida.	Hispid	—	—	—	—	—	—
spinosa.	Angelica Tree	—	—	—	—	—	—
ARISTOTELIA,	ARISTOTELIA.	11. 1.	—	—	—	—	—
macqui.	Shining-leaved	—	—	—	—	—	—
ATRAPHAXIS,	ATRAPHAXIS.	6. 1.	—	—	—	—	—
alpina.	Alpine	—	—	—	—	—	—

Cl. Or. Prop. Flow. Soil. Hgt. Country.

23. 1. — — — — —

Lay: May Com: 8. S. France.

7. 1. — — — — —

Lay: June S.L. 8. N. Am.

— July — 4. —

— Aug: — 8. —

— — — 6. —

21. 4. — — — — —

Lay: June Com: 8. N. Am.

17. 4. — — — — —

Seed July S.P. 8. Carolina.

12. 1. — — — — —

Bud: May S.L. 8. Persia.

— — — — 4. Tartary.

— — — — 2. Persia.

— — — — 8. —

Lay: — — — 4. Africa.

Bud: — — — 6. Levant.

Lay: — — — — Siberia.

Bud: — — — — China.

10. 1. — — — — —

Seed July S.P. 10. N. Am.

Lay: June — 3. —

— July — 4. Carolina.

— — — — 3. N. Am.

— June — — —

— July — 1½. —

Seed June — 3. —

Lay: — — — — —

— July — 4. Carolina.

Seed — — — 3. N. Am.

13. 7. — — — — —

Seed Aug: P.L. — N. Am.

5. 3. — — — — —

Root July P.L. 2. —

— Sept: — 8. —

11. 1. — — — — —

Cut: May L.P. 4. Chili.

6. 1. — — — — —

Lay: June L.P. 1. Alps.

DECIDUOUS SHRUBS.—First Division, Sec. 2.

17

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
		5.	1.				
AZALEA,	AZALEA.	Lay:	June	S.P.	3.	N. Am.	
nudiflora alb:	Naked-flw: white						
— alba et rubra.	— Red and white						
— aurantia.	— Orange						
— major.	— Large-flow:	—	July		4.		
— bicolor.	— Two-colored						
— blanda.	— Light-flesh	—	June		3.		
— calendulacea.	— Light-orange	—	July		4.		
— canescens.	— White-leaved				3.		
— carnea.	— Flesh-colored	—	June				
— coccinea.	— Scarlet	—	July		4.		
— crispa.	— Crisp-flow:						
— major.	— Large-flow:						
— maxima.	— Largest-flow:						
— cuprea.	— Copper-color				3.		
— pallida.	— Pale-color						
— bicolor.	— Two-colored						
— major.	— Large-flow:						
— fastigiata.	— Cluster-flow:	—	June				
— flammea.	— Flame-colored	—	July		4.		
— florida.	— Bunch-flow:	—	June		3.		
— glauca.	— Glaucous	—	Aug:		4.		
— scabra.	— Rough-leaved						
— serotina.	— Late-flowered	—	Sept:				
— incarnata.	— Pink	—	June		3.		
— lutea.	— Yellow Am:	—	July				
— major.	— Large-flow:	—			4.		
— odorata.	— Sweet	—	June				
— papilionacea.	— Butterfly-flow:	—	July				
— purpurea.	— Purple						
— rosea.	— Rose-colored	—	June				
— ruberrima.	— Deep Red						
— rubra.	— Red						
— fl: pleno.	— Double-red	—	July				
— pallido.	— Pale Dble-red						
— rufa.	— Dingy Red	—	June				
— rutilans.	— Reddish-flow:						
— staminea.	— Long-stamen'd				3.		
— villosa.	— Hairy						
pontica.	Pontic Yellow	—	May		6.	Levant.	
— pallida.	— Pale Yellow						
— glauca.	— Glaucous-lvd:						
— pleno.	— Double Yellow						
tomentosa.	Downy-leaved	—	June		3.	N. Am.	
variegata.	Variegated Autumn	—	Sept:		6.		
viscosa alba.	Clammy-lvd: White	—	June		2.		
— crispa.	— Crisped-flow:						
— dealbata.	— Whitened-lvd:						
— fissa.	— Split-flowered				3.		
— floribunda.	— Many-flowered						
— glabra.	— Smooth-leaved						
— hirta.	— Rough-leaved						

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
		5. 1.					
AZALEA, vireosa, lucida.	AZALEA, Glammy Shining-ld:	Lay:	June	S.P.	3.	N. Am.	
— odorata.	— Sweet	—	—	—	—	—	—
— pleno.	— Double	—	—	—	—	—	—
— præcox.	— Early-flowered	—	May	—	2.	—	—
— pubescens.	— Pubescent	—	June	—	3.	—	—
— pulchella.	— Pretty	—	—	—	—	—	—
— variegata.	— Striped-flow.	—	—	—	6.	—	—
BERBERIS, americana.	BARBERRY. American	6. 1.	Lay:	May.	S.P.	6.	N. Am.
— cretica.	— Cretan	—	—	Com:	4.	Crete.	—
— daurica.	— Daurian Dwarf	—	—	—	2.	Dauria.	—
— sibirica.	— Siberian	—	—	—	3.	Siberia.	—
fr. vulgaris.	— Common:	—	May	—	6.	Britain.	—
BETULA, nana.	BIRCH. Dwarf Smooth	21. 7.	—	July Com:	8.	Britain.	—
— pumila.	— Dwarf Hairy	—	—	May S.P.	6.	N. Am.	—
— sibirica.	— Siberian	—	—	July Com:	20.	Siberia.	—
BROUSSONETIA, papyrifera, mas:	PAPER MULBERRY. Male	22. 4.	Cut:	May Com:	12.	Japan.	—
— femina.	— Female	—	—	—	—	—	—
CALYCANTHUS, fertilis.	ALLSPICE. Many-flow Dwarf	12. 5.	Lay:	June S.P.	4.	N. Am.	—
— floridus.	— Carolina	—	—	—	6.	—	—
— longifolius.	— Long-leaved	—	—	—	—	—	—
— pensylvanicus.	— Pennsylvanian	—	—	—	—	—	—
— præcox.	— Early-flowering.	—	Jan:	—	10.	Japan.	—
— flo: albo.	— White-flowered	—	—	—	—	—	—
CARPINUS, orientalis.	HORNBEAM. Eastern	21. 7.	Lay:	May Com:	12.	S. Eu.	—
CASTANEA, americana.	CHESTNUT-TREE. American	21. 7.	Seed	July P.L.	12.	N. Am.	—
— pumila.	— Chinquapin	—	—	—	—	—	—
CEANOTHUS, americanus.	NEW JERSEY TREE. American	5. 1.	Seed	Aug: P.L.	2.	N. Am.	—
— microphyllus.	— Small-leaved	—	Lay:	—	1½.	—	—
CELASTRUS, bullatus.	STAFF-TREE. Scarlet-fruited.	5. 1.	Lay:	July S.L.	6.	N. Am.	—
CEPHALANTHUS, occidentalis.	BUTTONWOOD. American	4. 1.	Seed	Aug: S.L.	4.	N. Am.	—
CHIONANTHUS, virginica.	FRINGE-TREE. Virginian:	2. 1.	Lay:	June P.L.	6.	N. Am.	—
— latifolia.	— Broad-leaved:	—	—	—	—	—	—
CLETHRA, alnifolia.	CLETHRA. Alder-leaved	10. 1.	Lay:	Aug: S.P.	4.	N. Am.	—
— acuminata.	— Acuminated	—	—	—	—	—	—
— paniculata.	— Panicked	—	—	—	—	—	—
— pubescens.	— Downy-leaved	—	—	—	—	—	—
— scabra.	— Rough-leaved	—	—	—	—	—	—
COLUTIA, arborescens.	BLADDER SENNA. Common	17. 4.	Seed	June Com:	10.	S. Eu.	—
— esculenta.	— Oriental	—	Lay:	—	4.	Evant.	—
— pocockii.	— Pocock's	—	Seed	May	6.	—	—

DECIDUOUS SHRUBS.—First Division, Sect. 2.

19

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
COMPSONIA, asplenifolia.	FERN-LVD: GALE.	21. 3.					
	Common		Suc:	Mar:	S. P.	4.	N. Am.
CORIARIA, myrtifolia.	CORIARIA.	22. 9.		Lay:	May	Com:	6. S. Ex.
CORNUS, alba.	DOGWOOD.	3. 1.		Lay:	June	Com:	6. N. Am.
alternifolia.	White-berried						
circinata.	Alternate-leaved						
fastigiata.	Round-leaved						
florida.	Cluster-leaved						
mascula.	Large-flowered		May			4.	
paniculata.	Cornelian-Cherry.		Feb:			8.	Austria.
sanguinea.	Panicked		June			6.	N. Am.
sericea.	Common					8.	Britain.
siberica.	Blue-berried					6.	N. Am.
stricta.	Siberian		July				Siberia.
— fol: varieg:	Upright		June			8.	N. Am.
	— Striped-leaved						
CORONILLA, emerus.	CORONILLA.	17. 4.		Lay:	June	Com:	3. Europe.
CORYLUS, americana.	Scorpion Senna.						
— avellana.	HAZELNUT-TREE.	21. 7.		Lay:	Mar:	Com:	4. N. Am.
— — glomerata.	Dwf: Cuckold Nut.		Seed			10.	Britain.
— — fruc: major:	Common		Lay:			8.	
— — rubra.	— Cluster						Spain.
— — alba.	— Cob-Nut.					10.	Britain.
— — column.	— Red Filbert.						
— — rostrata.	— White Filbert.		April				Tunkey.
— — tubulosa.	Constantinople						N. Am.
	Cuckold						S. Ex.
	Lambert's						
CYTISUS,	CYTISUS.	17. 4.		Seed	July	S. L.	3. S. France.
argenteus.	Silver-leaved						Austria.
austriacus.	Austrian		June				Hungary
biflorus.	Two-flowered						Austria.
capitatus.	Cluster-flowered		Aug:			3.	Spain.
divaricatus.	Clammy		Cut:	June		4.	Hungary
elongatus.	Long-spiked						
leucanthus.	Cream-colored		Seed	July		3.	Austria.
nigricans.	Black-rooted						
purpureus.	Purple-flowered		Cut:			4.	Canaries.
sericeus.	Silky		Seed	May		6.	Italy.
sessilifolius.	Common		July			1.	Siberia.
supinus.	Trailing		June			4.	Spain.
triflorus.	Three-flowered		July			2.	Siberia.
volgaricus.	Winged-leaved						
DAPHNE, alpina.	DAPHNE.	8. 1.		Seed	June	P. L.	2. Italy.
altaica.	Alpine		Gra:	May		3.	Siberia.
mezereum.	Altaic		Seed	Mar:		4.	Britain.
— flo: albo.	Mezereon-Red						
— serotina.	— White Mez:		Gra:	July			
	— Late-flo: Mez:						
DIOSPYRUS, lotus.	DATE-PLUM.	23. 2.		Seed	June	Com:	8. Italy.
virginiana.	European					P. L.	12. N. Am.
	Pishamin						

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country,
DIRCA,	LEATHERWOOD.	8. 1.					
palustris.	Marsh		Seed	Mar:	S.L.	6.	N. Am.
ELEAGNUS,	OLEASTER.	4. 1.					
angustifolia.	Narrow-leaved		Cut:	July	Com:	8:	Italy.
EUONYMUS,	SPINDLE-TREE.	5. 1.					
angustifolius.	Narrow-leaved		Lay:	June	P.L.	6.	N. Am.
atro-purpureus.	Purple-flowered		—	—	—	—	Europe.
latifolius.	Broad-leaved		—	—	—	—	Carolina.
verrucosus.	Worted		—	—	—	—	
FAGUS,	BEECH.	21. 7.					
asplinifolia.	Fern-leaved		Gra:	May	S.L.	10.	Britain.
fr. FIGUS,	FIG-TREE.	23. 3.					
carica.	Common		Lay:	June	Com:	15.	Lecant.
FONTANASIA,	FONTANASIA.	2. 1.					
phillyrasides.	Phillrea-leaved		Cut:	Ang:	S.L.	3.	Syria.
FOTHERGILLA,	FOTHERGILLA.	13. 2.					
alnifolia.	Alder-leaved		Lay:	May	S.P.	4.	N. Am.
glauca.	Glaucous		—	—	—	—	—
speciosa.	Shewy		—	—	—	—	—
FRAXINUS,	ASH.	23. 2.					
atra.	Curled-leaved		Gra:	May	Com:	6.	Britain.
lentiscifolia.	China		Lay:	June	—	—	China.
ornus.	Flowering		—	May	—	15.	Italy.
pumila.	Dwarf		—	—	—	4.	Britain.
rotundifolia.	Manna		—	June	—	15.	Italy.
striata.	Striped-bark		—	—	—	10.	Britain.
GENISTA,	GENISTA.	17. 4.					
decumbens.	Trailing		Lay:	May	P.L.	1.	France.
florida.	Italian		Seed	June	Com:	6.	Italy.
pilosa.	Hairy Green-wood		—	May	—	—	Britain.
sibirica.	Siberian		Lay:	July	—	2.	Siberia.
tinctoria.	Dyer's-wood		Seed	—	—	3.	Britain.
* triquetra.	Triangular		Cut:	June	S.P.	4.	Corsica.
GLEDITSCHIA,	GLEDITSCHIA.	23. 2.					
sinensis.	Chinese		Lay:	July	P.L.	10.	China.
horrida.	Largest-spined		—	—	—	—	—
monosperma.	Water-Acacia.		Seed	—	—	20.	N. Am.
GORDONIA,	GORDONIA.	16. 7.					
pubescens.	Downy-leaved		Lay:	Oct:	S.P.	4.	—
HALESIA,	SNOWDROP-TREE.	11. 1.					
diptera.	Two-winged		Lay:	May	P.L.	6.	—
tetraptera.	Four-winged		—	—	—	—	—
HAMAMELIS,	WITCH HAZEL.	4. 1.					
virginica.	Virginian		Lay:	Mar:	P.L.	10.	—
HIBISCUS,	HIBISCUS.	16. 7.					
syriacus alba.	Althæa-frutex		Lay:	Aug:	Com:	6.	Syria.
— fl: alb: et rub:	— Red & White A:		—	—	—	—	—
* — purpureo.	— Purple A:		—	—	—	—	—
* — rubro.	— Red A:		—	—	—	—	—
— pleno.	— Double A:		—	—	—	—	—
— fol: variegatis.	— Striped-leaved A:		Gra:	—	—	—	—

DECIDUOUS SHRUBS.—First Division, Sec. 2.

21

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
HIPPOPHÆA,	SEA-BUCKTHORN.	22. 4.					
argentea.	Silver-leaved	Lay: May	Com: 10.				S. Eu.
canadensis.	Canadian	— June —					
rharnnoides.	Sallow-thorn.	— May —	12.				Britain.
sibirica.	Siberian	— — —	4.				Siberia.
HYDRANGEA,	HYDRANGEA.	10. 2.					
arborescens.	Shrubby	Lay: Aug: P.L.	6.				N. Am.
glauca.	Glaucous	— — —	4.				
heterophylla.	Various-leaved	— — —					
* hortensis.	Chinese	Cut: June —	4.				China.
* quercifolia.	Oak-leaved	— July —					Florida.
HYPERICUM,	ST. JOHN'S WORT.	18. 4.					
denticulatum.	Tooth-leaved	Lay: June S.L.	3.				N. Am.
elatum.	Tall	— July —	5.				
hircinum.	Stinking	— — —	3.				S. Eu.
— minor.	— Small	— — —					
* kalmianum.	Kalmia-leaved	Cut: June —	2.				N. Am.
* olympicum.	Olympian	Seed — — —	4.				Levant.
prolificum.	Prolific	— July —					N. Am.
rosmarinifolium.	Rosemary-leaved	Lay: — — —	2.				
ITEA,	ITEA.	5. 1.					
virginica.	Virginian	Lay: Aug: S.P.	4.				N. Am.
KOELREUTERIA,	KOELREUTERIA.	8. 1.					
paniculata.	Panicked	Root July P.L.	10.				China.
LAURUS,	LAUREL.	9. 1.					
* æstivalis.	Willow-leaved	Seed June S.L.	6.				N. Am.
Benzoin.	Benjamin-Tree.	— — —	8.				
LIGUSTRUM,	PRIVET.	2. 1.					
vulgare.	Common	Seed July Com:	10.				Britain.
— fruc: flavo.	— Yellow-fruited	Lay: — — —					
— fol: variegatis.	— Striped-leaved	Cut: — — —					
LIQUIDAMBAR,	LIQUIDAMBAR.	21. 7.					
imberbe.	Oriental	Lay: May S.L.	6.				Levant.
LONICERA,	HONEYSUCKLE.	5. 1.					
alpigena.	Red-berried	Lay: May S.L.	6.				Levant.
caucasica.	Caucasian	— June —	2.				Asia.
cœrulea.	Blue-berried	— April Com:	4.				Switz.
diervilla.	Yellow-flowered	— June —					N. Am.
nigra.	Black-berried	— Mar: —					Switz.
pyrenaica.	Pyrenian	— May —					Pyranees.
Symphoricarpus.	St. Peter's Wort.	— Aug: P.L.					N. Am.
tartarica.	Tartarian	— April Com:					Tartary.
Xylosteum.	Fly	— — July —					Britain.
MAGNOLIA,	MAGNOLIA.	13. 5.					
auriculata.	Frasier's	Lay: June P.L.	15.				N. Am.
glauca.	Swamp	Seed — — —	12.				
— angustifolia.	— Willow-leaved	Lay: — — —					
* macrophylla.	Largest-leaved	Seed July —	20.				
* purpurea.	Purple	Lay: May —	6.				China.
* pyramidata.	Pyramidal	Gra: June —					N. Am.
* speciosa.	Youlan	— May —					China.

DECIDUOUS SHRUBS.—First Division, Sec. 2.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country-
MENZIESIA,	MENZIESIA.	8. 1.					
ferruginea.	Rusty-leaved		Lay:	July	S.P.	3.	N. Am.
globularis.	Globe-flowered						
MESPILUS,	MESPILUS.	12. 4.					
Chamae-mespilus.	Bastard Quince.		Lay:	June	Com:	8.	Italy.
cotoneaster.	Dwarf			May		4.	
tomentosa.	Quince-leaved						Europe.
MIMOSA,	MIMOSA.	23. 1.					
arborea.	Tree		Seed	Aug:	P.L.	8.	Levant.
MORUS,	MULBERRY.	21. 4.					
pumila.	Dwarf		Lay:	June	R.M.	4.	Tartary.
rubra.	Red				S.P.	10.	N. Am.
tartarica.	Tartarian				Com:		Tartary.
MYRICA,	CANDLEBERRY MYRTLE	22. 4.					
cerifera.	American		Seed	May	S. P.	3.	N. Am.
— latifolia.	— Broad-ld: A:						
gale.	Sweet Gale.		Lay:			4.	Britain.
ONONIS,	REST-HARROW.	17. 4.					
fruticosa.	Shrubby		Seed	June	S.L.	2.	S. Eu.
PHILADELPHUS,	SYRINGA.	12. 1.					
coronarius.	Common		Lay:	May	Com:	8.	S. Eu.
— fl: pleno.	— Double						
— fol: var:	— Striped-leaved						
— multiflorus.	— Many-flowered			June			N. Am.
nanus.	Dwarf					2.	S. Eu.
inodorus.	Scentless			July			N. Am.
POTENTILLA,	CINQUEFOIL.	12. 5.					
floribunda.	Cluster-flowered		Lay:	June	Com:	4.	N. Am.
fruticosa.	Shrubby						Britain.
PRINOS,	WINTERBERRY.	6. 1.					
ambiguus.	Dark-leaved		Lay:	July	P.L.	4.	N. Am.
cassinoides.	Cassine-leaved						
levigatus.	Smooth-leaved						
lanceolatus.	Spear-leaved						
prunifolius.	Plum-leaved						
verticillatus.	Whorled					6.	
PRUNUS,	PLUM.	12. 1.					
cerasifera.	Myrobalan		Lay:	May	R.M.	8.	N. Am.
Chamae-cerasus.	Bastard				S.L.		Siberia.
Chicasa.	Chicase					6.	N. Am.
depressa.	Depressed					4.	
maritima.	Sea-side						
montana.	Mountain						
nigra.	Black					8.	Canada.
pendula.	Weeping-cherry.		Gra:			6.	Asia.
prostrata.	Dwf: Birch-leaved		Lay:	June		1.	Levant.
pumila.	Dwf: American					2.	N. Am.
rubra.	Red Cornish					6.	
sibirica.	Siberian Apricot.			May	R.M.		Siberia.
susquehana.	Glaucous				S.P.		N. Am.
PTILIA,	SHRUBBY TREFOIL.	4. 1.					
trifoliata.	Three-leaved		Lay:	July	Com:	4.	N. Am.

DECIDUOUS SHRUBS—First Division, Sec. 2.

23

		Cl. Or. Prop. Flow. Soil. Hgt. Country.	
PUNICA,	POMEGRANATE.	12: 1.	
fr. <i>granathra.</i>	Common	Cut: Aug: R.M. 10.	S. Eu.
— fl: alba.	— White-flowered	— — — — —	China.
— fl: pleno.	— Double-flowered	— — — — —	Europe.
— fl: flavo.	— Yellow-flowered	— — — — —	China.
— longifolia.	— Long-leaved	— — — — —	
PRUS,	PRUS.	12. 4.	
<i>amelanchier.</i>	Alpine	Lay: May Com: 6.	S. Eu.
<i>americana.</i>	American	— — — — —	N. Am.
<i>arbutifolia.</i>	Arbutus-leaved	Gra: — — — — —	
— fruc: luteo.	— Yellow-fruited	— — — — —	
— fruc: nigro.	— Black-fruited	Seed — — — — —	
<i>Botryspium.</i>	Snowy Mespilus.	Lay: April — — — — —	6.
<i>græca.</i>	Crétan	— May — — — — —	Greece.
<i>japonica.</i>	Japan	— June P.L. — — — — —	China.
— fl: pleno.	— Double-flowered	— — — — —	
— fl: albo.	— White-flowered	— — — — —	
<i>nivalis.</i>	White	— — — — —	Austria.
<i>præcox.</i>	Early-flowering	Gra: April — — — — —	Russia.
<i>pumila.</i>	Dwarf	Lay: — — — — —	2. S. Eu.
<i>sorbifolia.</i>	Sorbus-leaved	Gra: May — — — — —	8. Siberia.
RHAMNUS,	BUCK-THORN.	5. 1.	
<i>alnifolius.</i>	Alder-leaved	Lay: May Com: 4.	N. Am.
<i>alpinus.</i>	Apine	— — — — —	3.
<i>hybridus.</i>	Bastard	— — — — —	4. Siberia.
<i>infectorius.</i>	Yellow-leaved	— June — — — — —	6. S. Eu.
<i>latifolius.</i>	Broad-leaved	— July — — — — —	4. Azores.
<i>lycioides.</i>	Boxthorn-like	— Oct: — — — — —	6. Spain.
<i>oleoides.</i>	Olive-leaved	— June — — — — —	4.
<i>pumilus.</i>	Dwarf	— July — — — — —	1. Austria.
<i>repens.</i>	Creeping	— — — — —	1. Hungary.
<i>saxatilis.</i>	Rock	Cut: June — — — — —	1. Italy.
<i>virginica.</i>	Virginian	Lay: — — — — —	4. N. Am.
RHODOBENDRON,	RHODOBENDRON.	10. 1.	
<i>dauricum.</i>	Daurian	Lay: Mar: S.P. 3.	Siberia.
<i>azaleoides.</i>	Bastard	— July — — — — —	4. N. Am.
RHODORA,	RHODORA.	10. 1.	
<i>canadensis.</i>	Canadian.	— April P.L. 3.	N. Am.
RHUS,	SUMACH.	5. 3.	
<i>aromaticum.</i>	Aromatic	Lay: May P.L. 4.	Carolina.
<i>Copallium.</i>	Lentiscus-leaved	Seed Aug. — — — — —	6. N. Am.
<i>Coriaria.</i>	Elm-leaved	Lay: July Com: 10.	S. Eu.
<i>cotinus.</i>	Venice	— June — — — — —	12. Italy.
<i>elegans.</i>	Carolina	Seed July P.L. 10.	N. Am.
<i>glabrum.</i>	Scarlet	Lay: — — — — —	8.
<i>pumilum.</i>	Dwarf	Seed — — — — —	4.
<i>radicans.</i>	Rooting Poison Oak.	Root — — — — —	3.
<i>suaveolens.</i>	Sweet	Cut: May S.P. — — — — —	
<i>Toxicodendron.</i>	Trailing Poison Oak.	Seed July Com: 5.	
<i>Typhinum.</i>	Virginian	— — — — —	10.
<i>Vernix.</i>	Varnish	Lay: — — — — —	6.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country
		5.	1.				
RIBES,	CORRANT.						
alpinum.	Alpine	Cut:	April	Com:	3.	Britain.	
Cynosbati.	Prickly-fruited G:	—	—	S.L.	4.	Canada.	
diacantha.	Two-spined G:	Lay:	May	R.L.	—	Siberia.	
floridum.	Large-flow: B: C:	Cut:	April	Com:	—	N. Am.	
glandulosum.	Glandulous G:	Lay:	May	S.L.	1½.	—	
gracile.	Slender-stemmed	—	—	—	4.	—	
fr. Grossularia.	Rough G:	Cut:	April	R.M.	—	Europe.	
— Uva crisper	Smooth G:	—	—	—	—	—	
missouriensis.	Missouri G:	Lay:	May	Com:	5.	N. Am.	
fr. nigrum.	Black C:	Cut:	April	R.M.	—	Britain.	
oxycanthoides.	Hawthorn-lvd: G:	Lay:	June	Com:	3.	Canada.	
petraeum.	Rock	Cut:	May	—	4.	Britain.	
procumbens.	Trailing	Lay:	—	M.S.	½.	Dauria.	
reclinatum.	Procumbent G:	—	April	Com:	2.	Germany	
resinosum.	Resinous	—	May	—	3.	Siberia.	
rubrum.	Common Red	Cut:	April	R.M.	4.	Britain.	
fr. — fruc: albo.	— White	—	—	—	—	—	
— fruc: roseo.	— Champagne	—	—	—	—	—	
— fol: varieg:	— Striped-leaved	—	—	—	—	—	
ROBINIA,	ROBINIA.						
altagana.	Siberian	Gra:	April	S.L.	3.	Dauria.	
arenaria.	Sand	Suc:	—	—	1.	—	
Caragana.	Caragna	Seed	May	Com:	15.	Siberia.	
Chamlagu.	Shining	Gra:	—	—	4.	China.	
frutescens.	Shrubby	Lay:	—	—	2.	Russia.	
Halodendron.	Salt Tree.	Root	June	S.L.	6.	Siberia.	
hispidula.	Rose Acacia.	Gra:	May	—	10.	Carolina.	
— arborea.	— Tall	—	—	—	—	—	
inermis.	Smooth	Lay:	June	—	4.	—	
jubata.	Bearded	Gra:	—	—	1½.	Siberia.	
macrophylla.	Large-leaved	—	—	P.L.	6.	—	
microphylla.	Small-leaved	—	—	—	—	—	
pygmæa.	Dwarf	Suc:	April	S.P.	1.	—	
sericea.	Silky	Gra:	—	—	4.	—	
spinosa.	Spiny	Lay:	—	—	6.	Tartary.	

The initial of the color of each Species of Rose is placed at the head of the line; viz. *w.* white, *f.* flesh, *pk.* pink or rose color, *y.* yellow, *o.* orange, *st.* striped, *p.* purple, *r.* red, *b.* brown, *l.* light, *d.* dark.

ROSE FL: SIMP: SINGLE ROSES.

		Rose.				
ROSA,	Rose.					
<i>w.</i> alba.	Common White	Lay:	June	R.M.	4.	S. Eu.
<i>w.</i> alpina.	Alpine White	—	—	—	2.	Switz.
<i>r.</i> — rubra.	— Red	—	—	—	—	—
<i>y.</i> americana lutea.	American Yellow	—	July	P.L.	4.	N. Am.
<i>y.</i> — stricta.	— Upright	—	—	—	—	—
<i>r.</i> blanda.	Labradore	Suc:	—	—	3.	—
<i>r.</i> — spinis rubris.	— Red-spined	—	—	—	2.	—
<i>l.y.</i> Bracteata.	Ld: Macartney's	Cut:	Aug:	L.P.	2.	China.
<i>l.y.</i> carolineana.	Spreading Carolina	Lay:	July	S.P.	4.	N. Am.

ROSE FL: SIMP:		SINGLE ROSES.		Cl. Or. Prop. Flow. Soil. Hgt. Country.
ROSA,		ROSE.		12. 5.
r.	candicans.	Caucasian	Lay: June	Com: 4. Asia.
d.r.	centifolia.	Velvet	— — — —	R.M. 3. Europe.
f.	cinnamomea.	Cinnamon	— — — —	Com: 4. S. Eu.
pk.	damascena.	Damask	— — — —	— — — —
pk.*	diversiflora.	Oblique-petaled	— — — —	July L.P. 1½. China.
y.*	fenestrata.	Transparent	Cut: June	S.P. 1. N. Am.
r.	ferox.	Hedgehog	Lay: — — — —	Com: 4. Siberia.
r.	gallica.	Official	— — — —	— — — —
*	Grevillii.	Greville's	Cut: — — — —	— — — —
f.	hibernica.	Irish	Suc: — — — —	1½. Ireland.
f.*	indica.	China	Cut: July	P.L. 6. China.
p.*	— cærulea.	— Bluish	— — — —	— — — —
r.*	— resplendens.	— Resplendent	— — — —	— — — —
f.*	— salicifolia.	— Willow-leaved	— — — —	— — — —
*	involocrata.	Involucrate	Cut: — — — —	R.M. 2. India.
w.	kamschatka.	Kamschatka	Lay: — — — —	Com: 4. Russia.
w.	lucida.	Shining-leaved	— — — —	— — — —
y.	lutea.	Yellow	— — — —	June R.M. 3. S. Eu.
y.o.	— bicolor.	— Austrian	— — — —	— — — —
f.	Lyonii.	Lyon's	— — — —	July S.P. 4. N. Am.
d.p.	minuta.	Smallest	— — — —	Com: 3. Britain.
y.*	missouriensis.	Missouri	— — — —	S.P. — N. Am.
w.	moschata.	Musk	— — — —	Aug: R.M. 6. Barbary.
pk.	muscosa.	Moss	— — — —	June — — — —
f.	olympica.	Olympic	— — — —	Com: 6. Greece.
r.	pendulina.	Without Thorns	— — — —	— — — —
f.	pennsylvanica.	Pennsylvanian	— — — —	Aug: S.P. 1½. — — — —
w.	pilosa.	Levant	— — — —	June P.L. 1. Levant.
pk.	pimpinelli fol.	Burnet-leaved	— — — —	May Com: 4. S. Eu.
f.	præcox.	Earliest	— — — —	— — — —
pk.	procera.	Creeping	— — — —	June — — — —
pk.	provincialis.	Province	— — — —	R.M. 3. S. Eu.
pk.	pumila.	Dwf: Mountain	— — — —	Com: 1. Austria.
w.	pyrenaica.	Pyrenean	— — — —	— — — —
*	Roxburghii.	Roxburgh's	Cut: — — — —	P.L. 2. India.
f.	rubifolia.	Bramble-leaved	Lay: July	L.P. 4. N. Am.
pk.	rubiginosa.	Sweet Briar	Seed June	Com: 5. Britain.
d.r.	— coccinea.	— Scarlet	Lay: — — — —	R.M. 3. — — — —
pk.	— apiifolia.	— Parsley-leaved	— — — —	— — — —
w.	sibirica.	Siberian	— — — —	Com: 1. Siberia.
w.	spinosisima alb:	Scotch White	Suc: May	P.L. 1½. Scotland.
r.	— rubra.	— Red	— — — —	— — — —
st.	— pennicillata.	— Pencilled	— — — —	— — — —
p.w.	— marmorata.	— Marbled	— — — —	— — — —
w.	— stricta.	— Upright	— — — —	— — — —
w.	taurica.	Taurian	Lay: June	Com: — Asia.
w.	teneriffensis.	Teneriffe	Cut: — — — —	— — — —
pk.	turbinata.	Frankfort	Lay: July	R.M. 5. Austria.
pk.	villosa.	Apple-bearing	— — — —	June — — — —

ROSE FL. PLEN: DOUBLE ROSES.		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.	
ROSA,	ROSE.	12.	5.	Lay:	June	R.M.	4.	S. Eu.
w. alba.	Common White							
w. 2. —	— Agate						2.	
w. 3. —	— White Belgic						3.	
f. 4. —	— Celestial						2.	
f. 5. —	— Clus: Maiden's Blush						3.	
f. 6. —	— Gt: Maiden's Blush						6.	
f. 7. —	— Imperial Blush						4.	
f. 8. —	— Shailer's Province						2.	
w. 9. —	— Spineless Virgin						2.	
f. arvensis.	Hip					Com:	8.	Britain.
w.* Banksiana.	Lady Banks's	Out:	Aug:	P.L.	6.			China.
f. Canina pl:	Double Dog	Lay:	May	Com:	8.			Britain.
r. centifolia.	Hundred-leaved		June	R.M.	4.			S. Eu.
p. 2. —	— Dutch		May		3.			
pk. 3. —	— Early		June					
f. 4. —	— Petite							
pk. 5. —	— Singleton's							
st. 6. —	— Two-colored						2.	
r. 7. —	— Velvet						3.	
r. cinnamomea.	Cinnamon	Lay:	May	Com:	6.			
pk. damascena.	Damask Red		June	R.M.	3.			
f. 2. —	— Blush							
w. 3. —	— White							
st. 4. —	— York & Lancaster							
w. moschata.	Musk	Lay:	Aug:		8.			Barbary.
pk. mustosa.	Common Moss		June		4.			Asia.
f. 2. —	— Blush							
r. 3. —	— Scarlet							
st.* 4. —	— Striped						2.	
w.* 5. —	— White							
pk. menstrualis.	Monthly Red		Aug:		3.			S. Eu.
f. 2. —	— Blush							
w. 3. —	— White							
pk. 4. —	— 4 Seasons English							
pk. 5. —	— 4 Seasons French							
pk. normandica.	De Meux				14.			S. France.
pk. 2. —	— De Rheima				2.			
pk. 3. —	— Mossy				14.			
f.r. 4. —	— Pomponne				1.			
pk. 5. —	— Spongs				2.			
pk. 6. —	— St. Francis				2.			
p. parvifolia.	Burgundy Red				1.			
f. — pallida.	— Blush							
f. parviflora.	Pennsylvanian		Aug:	S.P.	14.			N. Am.
pk. pimpinellifolia.	Burnet-leaved		May	Com:	3.			S. Eu.
pk. provincialis.	Common Province		June	R.M.	3.			
pk. 2. —	— Blandford				2.			
f. 3. —	— Blush				2.			
pk. 4. —	— Cabbage				3.			
pk. 5. —	— Childing's				2.			

ROSE FL. PLEN: DOUBLE ROSES.

Cl. Or. Prop. Flow. Soil. Hgt. Country.

Rosa,	Rose.	12. 5.	Lay: June R.M. 1½.	S. Eu.
pk. 6. provincialis.	Dwarf Province			
f. 7. _____	— Early			2.
pk. 8. _____	— Imperial			3.
st. 9. _____	— Pencilled			3.
r. 10. _____	— Scarlet			2.
w. 11. _____	— White			2.
pk. 12. _____	— Yorkshire			3.
pk. rubiginosa.	Sweet Briar.		Com: 5.	Britain.
f. 2. _____	— Manning's		July R.M. 1½.	
f. 3. _____	— Monstrose			4.
f. 4. _____	— Mossy			1½.
b. 5. _____	— Royal		June	3.
pk. 6. _____	— Semi-double			4.
w. spinosissima.	Scotch Province:		May P.L.	4. Scotland.
f. 2. _____	— Blush			1.
p.w. 3. _____	— Dark Marbled			1.
f. 4. _____	— Light Red			1.
p.y. 5. _____	— Princess			1.
f. 6. _____	— Purple			1.
r. 7. _____	— Red			1.
p.y. 8. _____	— Straw-color			1.
w. 9. _____	— White			1.
y. suphorea.	Yellow Tail		July S.L.	4. Levant.
y. — minor.	— Dwarf			1½.
pk. venusta.	Mignon Red		June R.M.	2. S. Eu.
f. 2. _____	— Blush			
f. 3. _____	— Crimson			
r. 4. _____	— Dark			
r. 5. _____	— Favourite			
pk. 6. _____	— Incised			
st. 7. _____	— Pencilled			
st. 8. _____	— Striped			
pk. villosa.	Apple-bearing			8.

A SELECTION OF THE FINEST DOUBLE ROSES,

Collected from different Parts of the World,

WHICH HAVE YET NO SPECIFIC ARRANGEMENT.

1 Abundant	12 Bella nera	23 Brunette
2 Albanian	13 Bijou	24 Brunswick
3 Amaranth	14 Bishop	25 Brussels
4 Amsterdam	15 Black Mottled	26 Burgama
5 Antwerp	16 Blue	27 Burning Coal
6 Atlas	17 — and Purple	28 Carmine
7 Athenian	18 Blush Royal	29 — Proliferous
8 Belgic bluish	19 Breda	30 — Superbe
9 — Lesser	20 Bright Crumpled	31 Cardinal
10 — Red	21 — Purple	32 Carnation
11 — White	22 Brilliant	33 Castile

DOUBLE ROSES.

- 34 Catalonian
- 35 Chancellor
- 36 Champion
- 37 Changeable
- 38 Cirezia coloré
- 39 Cluster
- 40 Cornelian
- 41 Crimson Dutch
- 42 — Purple
- 43 — Royal
- 44 Dark Violet
- 45 Dauphin
- 46 Delicata
- 47 Diana
- 48 Dragon
- 49 Dutch Tree
- 50 Dwarf Proliferous
- 51 — Province
- 52 Early Blush
- 53 — Ranunculus
- 54 Eccedenté
- 55 Egyptian
- 56 Elysian
- 57 Emperor
- 58 Enchantress
- 59 Favourite Purple
- 60 Fiery
- 61 Flanders
- 62 Flemish
- 63 Firenzé
- 64 Fringed
- 65 Garnet
- 66 Gallant
- 67 Genoese
- 68 Giant
- 69 Gloria Mundi
- 70 Goliath
- 71 Grand Purple
- 72 — Monarch
- 73 — Triumphant
- 74 Illustrious
- 75 Incomparable
- 76 Infernal
- 77 Italian
- 78 Jerusalem

DOUBLE ROSES.

- 79 King
- 80 Leyden
- 81 Light Purple
- 82 Lisbon
- 83 Lively
- 84 Lucca
- 85 Lurid
- 86 Madama
- 87 Maesta
- 88 Magdalen
- 89 Magnifica
- 90 Maiden
- 91 Malta
- 92 Marbled
- 93 Margaretta
- 94 Marsailles
- 95 Milanese
- 96 Mirabelle
- 97 Mogul
- 98 Montpellier
- 99 Neapolitan
- 100 Nonpareille
- 101 Normandy
- 102 Negro
- 103 Notté
- 104 One Sided
- 105 Orleans
- 106 Paragon
- 107 Persian
- 108 Phoenix
- 109 Plicate
- 110 Pluto
- 111 Porto-Bello
- 112 Pomona
- 113 Pompadour
- 114 Poppy
- 115 Portland
- 116 Primo Arrossiré
- 117 Prolific
- 118 Proserpine
- 119 Prince
- 120 Princess
- 121 Purple Imperial
- 122 — Mottled
- 123 Pyramidal

DOUBLE ROSES.

- 124 Pyramide Supérbe
- 125 Queen
- 126 Ranunculus
- 127 Refulgent
- 128 Regent
- 129 Reine de Roses
- 130 Rosa de Tivoli
- 131 Rosa Munda
- 132 Rosa Pastana
- 133 Coupée
- 134 Of Parnassus
- 135 Peruquée
- 136 Royal Bouquet
- 137 — Red
- 138 — Virgin
- 139 Sanspareille
- 140 Sceptre
- 141 Scura Turches
- 142 Semiaperta
- 143 Siciliana
- 144 Senza Ugualé
- 145 Siren
- 146 Shell
- 147 — Dark
- 148 Sophia
- 149 Stadtholder
- 150 St. George's
- 151 St. John's
- 152 St. Patrick's
- 153 Staban
- 154 Sultana
- 155 Supreme Beauty
- 156 Suprema
- 157 Surpassant
- 158 Swiss
- 159 Tutta Bellezza
- 160 Trafalgar
- 161 Triumphant
- 162 Turban
- 163 Tuscany
- 164 Venetian
- 165 Versailles
- 166 Victory
- 167 Zealand

DECIDUOUS SHRUBS.—First Division, Sec. 2.

29

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
		12.	5.				
RUBUS,	BRAMBLE.			Sac:	June	Com:	Britain.
cæsius.	Dew-berry.						
corylifolius.	Hazel-leaved						
fr. hispidus.	Bristley			July			Canada.
Idæus rub:	Raspberry red.			May	R. M.	5.	Britain.
— fruc: major	— Red Antwerp					6.	
— fruc: luteo.	— Common white					5.	
— fruc: major.	— White Antwerp					6.	
— serotinus.	— Double bearing					5.	N. Am.
occidentalis.	Virginian					5.	
odoratus.	Flowering Rasp:			July	Com:	7.	
trivialis.	Shining-leaved						
villosus.	Hairy						
SALISBURIA,	MAIDEN-HAIR TREE.	21.	7.				
adiantifolia.	Common			Cut:	May	S. L.	90. Japan.
SALIX,	WILLOW.	22.	2.				
acuminata.	Long-leaved			Cut:	April	M. S.	4. Britain.
adscendens.	Dwf: ascending						2.
aquatica.	Sallow.						10.
arbuscula.	Little Tree						2.
arenaria.	Sand						6. N. Brit.
argentea.	Silver Sand						
aurita.	Round Ear'd						8. Britain.
cærulea.	Blue						
Crowell.	Crowe's						
decipiens.	Purslane						
fissa.	Basket Osier.						
Forbyana.	Basket						
fusca.	Brown						
glauca.	Glaucous						1.
hastata.	Halbert Shaped						8.
herbacea.	Least						4.
incubacea.	Yellow Wooded						1.
lanata.	Woolly						2. N. Ev.
Lambertia.	Lambert's						3. Britain.
lapponum.	Lapland						4. Lapland.
laurina.	Dark Green						8. Britain.
myrsinites.	Whortle-leaved						
myrtilloides.	Myrtle-leaved						2.
nigricans.	Black Wooded						
petiolaris.	Dark Long-leaved						10.
prunifolia.	Plum-leaved						8.
purpurea.	Bitter-purple						
repens.	Creeping						1.
retusa.	Blunt-ended						Alps.
rubra.	Green Osier.						8. Britain.
Russellii.	Bedford						
sibirica.	Siberian						4. Siberia.
stipularis.	Anriculated						6. Britain.
tenuifolia.	Thin-leaved						8.
viminalis.	Common Osier.						

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
SAMBUCUS,	ELDER.	5. 3.					
canadensis.	Canadian	Cut: July	S.L.	6.		N. Am.	
nigra fol. var:	Common Striped	May: Com:	8.			Britain.	
— alba.	— Green-berried	—	—	—	—	—	
— laciniata.	— Parsley-leaved	—	—	—	—	—	
racemosa.	Red-berried	— June	—	—	6.	S. Eu.	
SIDEROXYLON,	IRON-WOOD.	5. 1.					
lycioides.	Willow-leaved	Lay: Aug:	S.L.	6.		N. Am.	
SORBUS.	SERVICE TREE.	12. 3.					
americana.	Dwf: Mountain Ash.	Seed June	L.P.	12.		N. Am.	
lanuginosa.	Woolly-leaved	—	—	—	—	—	
SPARTIUM,	BROOM.	17. 4.					
alpinum.	Alpine	Seed May	P.L.	1.		Britain.	
* angulatum.	Angular-stem'd	Cut: —	—	3.		Leamt.	
decumbens.	Trailing	Lay: —	—	4.		France.	
multiflorum.	White	Seed —	Com:	6.		Portugal	
patens.	Woolly-podded	— June	P.L.	4.		—	
purgans.	Purging	—	—	—	—	France.	
scorpius.	Long-prickled	— April	—	—	—	S. Eu.	
sphaerocarpum.	Yellow One-seeded	— July	—	—	—	—	
SPIRÆA,	SPIRÆA.	12. 4.					
canadensis.	Canadian	Cut: Aug:	P.L.	3.		Canada.	
chamædrifolia.	Germander-leaved	Lay: July	—	14.		Siberia.	
crenata.	Crenated	— May	—	2.		Spain.	
hypericifolia.	Hypericum-frutex.	—	Com:	5.		Canada.	
laevigata.	Glaucous-leaved	—	P.L.	4.		Siberia.	
opulifolia.	Virginian Guelder Rose	— June	Com:	5.		N. Am.	
salicifolia.	Willow-leaved	—	—	—	—	Britain.	
— latifolia.	— Broad-leaved	—	—	—	—	—	
— paniculata.	— Panicked	—	—	—	—	—	
sibirica.	Siberian	— May	—	3.		Siberia.	
sorbifolia.	Sorb-leaved	— Aug:	—	4.		—	
stipulacea.	Long-stipuled	Lay: June	—	8.		N. Am.	
thalictroides.	Meadow-rue-leaved	— May	P.L.	2.		Siberia.	
tomentosa.	Downy-leaved	— Aug:	—	5.		N. Am.	
— flo: pallido.	— Pale-flowered	—	—	—	—	—	
trilobata.	Three-lobed	Lay: May	—	3.		Siberia.	
ulmifolia.	Elm-leaved	— June	—	—	—	Carolina.	
STAPHYLEA,	BLADDER NUT.	5. 3.					
pinnata.	Five-leaved	Lay: May	Com:	6.		Britain.	
trifoliata.	Three-leaved	Seed June	—	—	—	N. Am.	
STEWARTIA,	STEWARTIA.	16. 7.					
dentata.	Tooth'd-leaved	Lay: Aug:	P.L.	4.		N. Am.	
* malacodendron.	Virginian	—	—	—	—	Virginia.	
pentagyna.	Maryland	—	—	—	—	Maryland	
STYRAX,	STORAX.	10. 1.					
* grandifolium.	Large-leaved	Lay: July	P.L.	6.		N. Am.	
* laevigatum.	Smooth-leaved	— June	—	4.		Carolina.	
* officinale.	Officinal	— July	—	6.		Italy.	
* pulverulentum.	Powdered-leaved	— Aug:	—	4.		N. Am.	
SYRINGA,	LLAC.	2. 1.					
persica alba.	Persian White	Lay: May:	L.P.	4.		Persia.	

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
		2. 1.					
SYRINGA,	LILAC.						
perica incisa.	Persian Cut-leaved	Lay:	May	L.P.	2.	Persia.	
— purpurea.	— Purple				4.		
Sinensis.	Chinese	Suc:			5.	China.	
vulgaris purpurea	Common-purple			Com:	8.		
— caerulea.	— Blue						
— alba.	— White						
— monstrosa.	— Large-spiked						
VACCINIUM,	WHORTLE-BERRY.	2. 1.					
album.	White	Lay:	May	S.P.	2.	N. Am.	
angustifolium.	Narrow-leaved						
amenum.	Spreading				4.		
— flo: rub:	— Red flower'd						
* arboreum.	Tree				3.		
vinereum.	Ash-colored	June			1.		
corymbosum.	Bunch-flower'd	May			2.		
* diffusum.	Diffuse	June			1.	Carolina.	
* damosum.	Bushy				1.		
erythorocarpum.	Red-berried	May			2.	N. Am.	
frondosum.	Blunt-leaved	June			3.		
fuscatum.	Rusty-leaved	May			2.		
glabrum.	Smooth-leaved						
glaucum.	Glaucous						
halleriaefolium.	Halleria-leaved				2.		
latifolium.	Broad-leaved						
ligustrinum.	Privet-like						
marylandicum.	Maryland						
mucronatum.	Pointed-leaved						
myrsinites.	Myrsine-leaved	June			1.		
nitidum.	Shining-leaved				1.		
pallidum.	Pale	May			2.		
parviflorum.	Small-flower'd						
* pensylvanicum.	Pennsylvanian				1.		
resinosum.	Resinous	June			2.		
rugosum.	Rough-leaved	May					
salicinum.	Willow-like						
salvifolium.	Sage-leaved				3.		
stamineum.	Reflex-flowered	June			4.		
— flo: rub:	— Red flower'd				3.		
tenellum.	Slender	July			1.		
tomentosum.	Downy-leaved	May			2.		
venustum.	Red-branched				3.		
villosum.	Hairy-leaved				2.		
virgatum.	Twiggy				1.		
viride.	Green-flowered				1.		
VIBURNUM,	VIBURNUM.	5. 3.					
acerifolium.	Maple-leaved	Lay:	July	Com:	4.	N. Am.	
alnifolium.	Alder-leaved	June			3.		
carolineanum.	Carolina	July	P.L.		3.		
Cassinoides.	Thick-leaved				3.		
dauricum.	Daurian	July			2.	Siberia.	
dentatum.	Tooth-leaved	June			3.	N. Am.	
— fol: lanatis.	— Downy-leaved				3.		

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
VIBURNUM,	VIBURNUM.	5.	3.				
Lantana.	Way-fairing Tree.			Lay: June	P.L.	10.	Europe.
— fol: var:	— Striped-leaved			—	—	—	—
— latifol:	— Broad-leaved			—	—	—	N. Am.
lævigatum.	Paragua-Tea.			— July	—	8.	Carolina.
Lantanoides.	Lime-leaved			—	—	3.	—
nitidum.	Shining-leaved			— June	—	2.	—
nudum.	Oval-leaved			— July	—	3.	—
opulus.	Guelder Rose.			— May	—	10.	Britain.
— fol: var:	— Striped-leaved			—	—	—	—
pimina.	Eatable-fruited			— July	—	6.	N. Am.
prunifolium.	Plum-leaved			— May	—	8.	—
pyrifolium.	Apple-leaved			— June	—	6.	—
VIRGILIA,	VIRGILIA.	10.	1.				
latea.	Yellow			Seed July	P.L.	15.	N. Am.
VITEX,	CHASTE TREE.	14.	2.				
agnuscastus lat:	Broad-leaved			Cut: Sep: Com:	6.		Sicily.
— angustifol:	— Narrow-leaved			—	—	—	—
ZANTHORHIZA,	YELLOW ROOT.	5.	5.				
apiifolia.	Parsley-leaved			Suc: April	S.P.	1½.	N. Am.
ZANTHOXYLUM,	TOOTH-ACH TREE.	22.	5.				
fraxineum.	Common			Lay: May	S.L.	6.	—
ZIZYPHUS,	ZIZYPHUS.	5.	1.				
paliurus.	Christ's Thorn.			Seed June	Com:	6.	S. Eu.

EVERGREEN SHRUBS.

DIVISION I.—SECTION III.

		Cl. Or.	Prop. Flow.	Soil. Hgt.	Country.
ACER,	MAPLE.	23. 1.			
creticum.	Cretan		Lay: May	Com: 4.	Levant.
ANDROMEDA,	ANDROMEDA.	10. 1.			
* acuminata.	Acute-leaved		— July	S.P. 3.	N. Am.
axillaris.	Notch-leaved		Suc: May	— 1.	—
carulea.	Purple-flowered		— June	— 4.	Siberia.
calyculata.	Box-leaved		Lay: April	— 1½.	N. Am.
— latifolia.	— Broad-leaved		—	—	—
— ventricosa.	— Globe-flowered		—	—	—
Catesbæi.	Catesby's		Suc: May	— 2.	—
* coriacea.	Thick-leaved		Lay: June	— 2.	—
* ferruginea	Rusty-leaved		Seed July	— 3.	—
polifolia.	Marsh		Suc: April	— 1.	Britain.
— latifolia.	— Broad-leaved		—	—	—
— erecta.	— Upright		—	—	—
— media.	— American		—	—	—
— minor.	— Lesser		—	—	—
* serratifolia.	Saw-leaved		Lay: July	— 3.	—
speciosa.	Long-spiked		—	— 2.	—
ARBUTUS,	STRAWBERRY-TREE.	10. 1.			
alpina.	Alpine		Suc: April	S.P. 1.	Scotland.
* Andrachne.	Andrachne		G.A. May	P.L. 6.	Levant.
* — lucida.	— Shining-leaved		—	—	—
* — serratifolia.	— Saw-leaved		—	—	—
unedo.	Common		Seed Oct:	Com: 8.	S. Eu.
— erispa.	— Curled-leaved		Bud: —	— 4.	—
— pleno.	— Double		Lay: —	— 5.	—
— rubro.	— Scarlet		—	— 8.	—
Uva ursi.	Trailing		— May	S.P. 1.	Britain.
ARTEMISIA,	SOUTHERNWOOD.	19. 2.			
Abrotanum.	Common		Cut: Aug:	Com: 4.	S. Eu.
ARAUCARIA,	ARAUCARIA.	23. 13.			
* imbricata.	Imbricated		Cut: Aug:	S.L. 4.	Chili.
ASTRAGALUS,	MILK-VETCH.	17. 4.			
tragacantha.	Goat's Thörn.		Cut: June	S.P. 1.	Levant.
tragodes.	Small Goat's T:		—	— 1.	—
ATRIPLEX,	ORACHE.	23. 1.			
halimus.	Sea Purslane.		Cut: July	Com: 5.	S. Eu.
portulacoides.	Dwarf		—	— 2.	—
AUCUBA,	AUCUBA.	21. 3.			
Japanica.	Japan		Cut: June	P.L. 6.	Japan.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
AZALEA,	AZALEA.	5. 1.					
procumbens.	Trailing		Lay:	April	S.P.	1.	Britain.
BACCHARIS,	FLOWER'S SPIKENARD	19. 2.					
halimifolia.	Groundsail Tree.		Cut:	Oct:	Com:	4.	N. Am.
BUDDLEA,	BUDDLEA.	4. 1.					
* globosa.	Globe-flowered		Cut:	June	Com:	6.	Chili.
BUPLEIURUM,	HARE'S EAR.	5. 2.					
fruticosum.	Shrubby		Seed	July		5.	S. Eu.
BUXUS,	Box.	23. 1.					
baliarica.	Minorca		Cut:	June	Com:	4.	Minorca.
sempervirens.	Common		Lay:	April		8.	Britain.
— angustifol:	— Narrow-leaved						
— aër: var:	— Gold-striped						
— arg: var:	— Silver-ditto						
— nana.	— Dwarf		Suc:			4.	Holland.
CISTUS,	ROCK-ROSE.	13. 1.					
albidus.	White-leaved		Seed	July	S.P.	2.	S. Eu.
alpestris.	Hairy-leaved		—	June			Britain.
apenninus.	Apennine		Cut:				Apennines
— fl: alb:	— White						
— fl: rub:	— Red						
* crispus.	Curled-leaved		Seed	July		2.	Portugal.
grandiflorus.	Large-flowered		Cut:	June		4.	Italy.
— fl: rub:	— Red						
— fl: sulph:	— Light Yellow						Britain.
Helianthemum.	Dwarf						
— fl: alb:	— White						
— fl: aur:	— Orange						
— fl: mutab:	— Changeable						
— fl: purp:	— Purple						
— fl: rub:	— Red						
— fl: sulph:	— Sulphur						
— fl: lut: pleno.	— Dble: Yellow						
— fl: aur: pleno.	— Dble: Orange						
incanus.	Hairy-leaved		Seed			2.	S. Eu.
italicus.	Italian						
ladaniferus.	Gum		Cut:			4.	Levant.
laurifolius.	Laurel-leaved						
* latus.	Wave-leaved		Seed			2.	Spain.
* monspeliacus.	Montepelier		—	July		2.	S. Eu.
polifolius.	Polium-leaved		Cut:	June		4.	Britain.
populifolius.	Poplar-leaved					3.	Spain.
— major.	— Large						
salicifolius.	Willow-leaved					4.	
* salvifolius.	Sage-leaved		Seed			2.	S. Eu.
CORNUS,	DOGWOOD.	4. 1.					
canadensis.	Canadian		Root	July	S.P.	1.	Canada.
CUPRESSUS,	CYPRESS.	21. 8.					
sempervirens.	Evergreen		Seed	May	Com:	10.	Greece.
— horizontalis.	— Spreading					12.	
thyoides.	White Cedar.		Lay:	April		16.	N. Am.
* CYTISUS,	CYTISUS.	17. 4.					
hirsutus.	Evergreen		Seed	June	Com:	5.	S. Eu.

			Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
DAPHNE,	DAPHNE.		8. 1.					
cneorum.	Trailing			Lay:	April	S.P.	½.	France.
— fol: var:	— Striped-leaved			Gra:	—	—	—	—
collina.	Neapolitan			—	Mar:	S.L.	3.	Italy.
* Gnidium.	Flax-leaved			—	June	—	2.	S. Eu.
laureola.	Spurge-laurel.			Seed	Feb:	—	3.	Britain.
— fol: var:	— Striped			Gra:	—	—	—	—
pontica.	Pontic			Cut:	Mar:	—	—	Pontus.
* tartou-raira.	Silvery			Gra:	June	—	—	Montpel.
EMPETRUM,	CROW-BERRY.	22. 3.						
nigrum.	Black-fruited			Lay:	April	S.P.	1.	Britain.
— scoticum.	— Scotch Dwarf			—	—	—	½.	Scotland.
EPHEDRA,	SHRUBBY-HORSETAIL.	22. 12.						
distachya.	Great			Suc:	June	Com:	2.	Spain.
monostachya.	Small			—	Sept:	—	—	Siberia.
EPIGÆA,	EPIGÆA.	10. 1.						
* repens.	Creeping			Lay:	July	S.P.	½.	N. Am.
ERICA,	HEATH.	8. 1.						
* australis.	Spanish			Cut:	May	S.P.	3.	Spain.
carnea.	Early-flowered			Lay:	Feb:	—	½.	Alps.
* ciliaris.	Ciliated			Cut:	July	—	1.	Portugal.
cinerea.	Fine-leaved			Lay:	June	—	—	Britain.
— fl: alb:	— White			Seed	—	—	—	Ireland.
daboecia.	Irish			Cut:	May	—	1.	Portugal.
* fucata.	Stained			—	April	—	2.	—
* mediterranea.	Mediterranean			Lay:	—	—	½.	—
minima.	Smallest			Cut:	—	—	2.	—
stricta.	Upright			Lay:	July	—	1.	Britain.
tetralix.	Cross-leaved			Cut:	—	—	2.	—
— fl: alb:	— White			Cut:	—	—	2.	Madeira.
* triflora.	Three flowered			—	—	—	1.	Cornwall.
vagans.	Cornish			—	—	—	—	—
— fl: alb:	— White			Lay:	June	—	1.	Britain.
* viridi purp:	Green-purple			—	—	—	—	—
vulgaris.	Common			—	—	—	—	—
— fl: alb:	— White			—	—	—	—	—
— fl: plen:	— Double			Cut:	—	—	—	Portugal.
* umbellata.	Umbelled			—	—	—	—	—
— fl: alb:	— White			—	—	—	—	—
EUONYMUS,	SPINDLE-TREE.	5. 1.						
americanus.	American			Lay:	July	S.P.	4.	N. Am.
GAULTHERIA,	GAULTHERIA.	10. 1.						
procumbens.	Creeping			Suc:	July	S.P.	½.	—
GENISTA,	BROOM.	17. 4.						
anglica.	Petty-whin.			Seed	May	Com:	2.	Britain.
germanica.	German			Lay:	June	—	—	Germany
sagittalis.	Jointed			—	—	—	½.	Italy.
HYPERICUM,	ST. JOHN'S WORT.	18. 4.						
Androsæmum.	Tutsan			Suc:	June	Com:	1.	Britain.
calycinum.	Large-flowered			—	—	—	—	Greece.
ILEX,	HOLLY.	4. 3.						
aquifolium.	Common			Seed	May	Com:	20.	Britain.

		Cl. Or.	Prop.	Flow.	Soll.	Hgt.	Country.
		4.	3.				
ILEX,	HOLLY.						
— fruc: fla:	Com: Yellow-frut:	Gra: May	Com: 20.				Britain.
— hetrophyllum.	— Various-leaved	—	—	—	—	—	—
— fol: var: arg:	— Silver-striped	—	—	—	—	—	—
— — aur:	— Gold-striped	—	—	—	—	—	—
— — mac: arg:	— Silver-blotched	—	—	—	—	—	—
— — aur:	— Gold-blotched	—	—	—	—	—	—
— — echinatum.	Hedgehog	—	—	—	—	—	—
— — arg:	— Silver	—	—	—	—	—	—
— — aur:	— Gold	—	—	—	—	—	—
Cassine major.	Dahoon-broad	Seed Aug:	S.P.	4.			N. Am.
— media.	— Smaller	—	—	—	—	—	—
— minor.	— Least	—	—	—	—	—	—
crassifolium.	Large Saw	Gra: May	Com: 6.				France.
— minor.	Small Saw	—	—	—	—	—	—
macrophylla.	Large-leaved	—	—	—	—	8.	—
opaca.	Carolina	Cut: June	S.P.	4.			N. Am.
parado.	Madeira	—	—	—	—	—	Madeira.
IVA,	IVA.						
* frutescens.	Bastard Jesuit's-bark.	Cut: Aug:	Com: 4.				Peru.
JASMINUM,	JASMINE.						
fruticans.	Common Yellow	Lay: Aug:	Com: 3.				S. Eu.
humile.	Yellow Italian	—	—	—	—	—	—
JUNIPERUS,	JUNIPER.						
communis.	Common	Seed May	S.L.	15.			Britain.
daurica.	Daurian	Lay: July	—	8.			Dauria.
excelsa.	Tall	— June	—	20.			Siberia.
lycia.	Lycian Cedar.	—	—	10:			—
oxycedrus.	Brown-berried	Cut: —	—	15.			Spain.
phœnicea.	Phœnician Cedar.	—	—	—			—
repens.	Creeping	Lay: —	—	1.			Siberia.
Sabina.	Savine	—	—	4.			S. Eu.
— fol: var:	— Striped-leaved	—	—	—			—
— tameriscifol.	— Tamerik-leaved	—	—	—			—
sibirica.	Siberian	—	—	—			Siberia.
suecica.	Swedish	—	—	15.			N. Eu.
thurifera.	Spanish	—	—	10.			S. Eu.
virginiana.	Red Cedar.	Seed —	S.P.	30.			N. Am.
KALMIA,	KALMIA.						
angustifolia.	Narrow-leaved	Seed July	S.P.	30.			N. Am.
— fol: var:	— Striped	Lay: —	—	—			—
— lucida.	— Shining	—	—	2.			—
— flor: rub:	— Red-flowered	—	—	—			—
— serotina.	— Late-flowering	— Sept:	—	1.			—
glauca.	Glaucous	— May	—	1.			—
— pallida.	— Pale-flowered	—	—	—			—
latifolia rub:	Broad-leaved Red	Seed July	—	5.			—
— alba.	— White-flowered	Lay: —	—	—			—
LAVANDULA,	LAVENDER.						
spica.	Common Blue	Cut: July	S.L.	2.			S. Eu.
— fl: alb:	— White	—	—	—			—
* stœchas.	French	—	—	1½.			Canaries.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
LAURUS,	LAUREL.	9. 1.					
nobilis.	Sweet Bay.		Cut:	May	S.L.	12.	Italy.
— angustifol:	— Narrow-leaf					6.	
— nana.	— Dwarf					2.	
LEDUM,	MARSH CISTUS.	10. 1.					
buxifolium.	Box-leaved		Lay:	May	S.P.	1.	N. Am.
— angustifolium.	— Narrow-leaved						
decumbens.	Dwarf						
palustre.	Common					2.	
— latifol:	— Broad-leaved						
— longifol:	— Long-leaved						
LIGUSTRUM,	PRIVET.	2. 1.					
* lucidum.	Wax Tree.		Gra:	Sept:	S.L.	8.	China.
vulg: sempervir.	Com: Evergreen		Lay:	June	Com:	—	Britain.
LINNÆA,	LINNÆA.	14. 2.					
borealis.	Two-flowered		Lay:	June	S.P.	1.	Scotland.
MAGNOLIA,	MAGNOLIA.	13. 5.					
grandiflora.	Laurel-leaved		Lay:	Aug:	S.L.	20.	N. Am.
— acuminata.	— Tapered						
— exoniensis.	— Exmouth						
— ferruginea.	— Rusty						
— obtusifolia.	— Obtuse						
— rotundifolia.	— Round						
— salicifolia.	— Narrow						
MESPILUS,	MAPLE.	12. 4.					
* japonica.	Japan		Gra:	July	S.L.	15.	Japan.
pyracantha.	Pyracantha		Seed	June	—	10.	S. Eu.
MITCHELLA,	MITCHELLA.	4. 1.					
repens.	Creeping		Lay:	June	S.P.	1.	N. Am.
PHILLYREA,	PHILLYREA.	2. 1.					
angustifolia.	Narrow-leaved		Lay:	June	Com:	10.	S. Eu.
— nana.	— Dwarf					1.	
— rosmarifol:	— Rosemary-leaf					3.	
latifolia.	Broad-leaved					10.	
— obliqua.	— Oblique						
media.	Privet-leaved						
— buxifolia.	— Box-leaved						
— olæifolia.	— Olive-leaved						
— pendula.	— Weeping						
— fol: var:	— Striped						
PHLOMIS,	PHLOMIS.	14. 1.					
fruticosa	Jerusalem Sage.		Cut:	July	Com:	2.	S. Eu.
— angustifolia.	— Narrow-leaved						
purpurea.	Purple						Portugal.
PINUS,	PINE.	21. 8.					
cembra.	Cembro		Seed	May	S.L.	25.	Alps.
Clanbrassiliana.	Lord Clanbrassil's		Lay:	—	—	2.	Ireland.
* lanceolata.	Spear-leaved		Cut:	April	—	20.	China.
* palustris.	Swamp		Seed	May	—	—	Carolina.
pumilio.	Mugho						Carniola.
POLYGALA,	MILKWORT.	17. 3.					
chama-buxus.	Box-leaved		Suc:	May	S.L.	1.	Austria.

Leptodermis

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
POLYGONIUM,	PERSICARIA.	8. 3.					
frutescens.	Shrubby		Lay:	Aug:	S.L.	1.	Siberia.
PRINOS,	WINTER CHERRY.	6. 1.					
* glaber.	Evergreen		Lay:	Aug:	S.L.	1½.	Virginia.
PRUNUS,	PLUM.	12. 1.					
* caroliniana.	Evergn: Bird-Cherry.		Lay:	May Com:	30.		Carolina.
laurocerasus.	Common Laurel.		Cut:			12.	Levant.
— fol: mac:	— Striped-leaved						
— angustifol:	— Narrow-leaved						
lusitanica.	Portugal Laurel.		Seed June			20.	Portugal.
— fol: mac:	— Striped-leaved		Cut:				
PYROLA,	WINTER GREEN.	10. 1.					
maculata.	Spotted-leaf		Suc:	July	S.P.	½.	N. Am.
umbellata.	Umbellated						
QUERCUS,	OAK.	21. 7.					
coccifera.	Kermes		Gra:	May	S.L.	10.	S. Eu.
esculus.	Italian		Seed			40.	
gramuntia.	Holly-leaved		Gra:	June		20.	
phellos.	Willow-leaved		Seed			40.	N. Am.
— virens.	— Live						
Suber.	Cork Tree.					20.	Portugal.
RHAMNUS,	BUCK-THORN.	5. 1.					
alaternus latifol:	Alaternus Common.		Lay:	June Com:	40.		S. Eu.
— fol: mac:	— Blotched-leaved						
— fol: var: arg:	— Striped Silver					6.	
— laciniatus	— Jagged					10.	
— fol: var:	— — Striped						
RHODODENDRON,	RHODODENDRON.	10. 1.					
algarvense.	Spanish		Lay:	June	S.P.	6.	Spain.
cataubienae.	Oval-leaved		Seed			3.	N. Am.
caucasicum.	Caucasian		Lay:	Aug:		1.	M. Cauc.
* chamaecistus.	Thyme-leaved		Cut:	June		½.	Siberia.
* corysanthum.	Yellow-flowered		Seed	July			
ferrugineum.	Rusty-leaved		Lay:			1½.	Alps.
hirsutum.	Hairy						
— fol: mac:	— Spotted-leaved						
maximum.	Laurel-ditto		Seed June			6.	N. Am.
— flo: albo:	— White-flowered		Lay:				
ponticum.	Pontic		Seed			8.	Levant.
— angustifol:	— Narrow-leaved		Lay:				
— contortum.	— Twisted-ditto						
— macrophyllum.	— Large-ditto						
— myrtifolium.	— Myrtle-ditto					2.	
— pumilum.	— Dwarf					1.	
— rosenm.	— Rose-coloured					8.	
— salicifolium.	— Willow-leaved						
— fol: var: arg:	— Silver-striped						
— — aur:	— Gold-ditto						
punctatum.	Spotted-leaved		July			6.	N. Am.
— latifol:	— Broad-ditto						
ROBINEA,	ROBINEA.	17. 4.					
Halodendron.	Salt Tree.		Suc:	June	S.L.	6.	Siberia.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
ROSA,	ROSE.	12. 5.					
* Banksie.	Lady Banks's	Cut: July	P.L.	6.			China.
* bracteata.	Ld: Macartney's	— Sept.		2.			
indica-maj:	Com: pale China	— June		6.			
— centifolia.	— Hundred-leaved	—					
— odorata.	— Sweet	—		3.			
— nana.	— Dwarf	—		$\frac{1}{2}$.			
— striata.	— Striped	—					
* semperflorens.	Everblowing China	Cut: Aug: P.L.	2.				
* — Bichonia.	— Bichon's	—					
* — carnea.	— Flesh-coloured	—					
* — diversæflora.	— Single	—					
* — major.	— Large Dark	—					
* — marmorata.	— Marbled	—					
* — salicifolia.	— Willow-leaved	—					
ROSMARINUS,	ROSEMARY.	2. 1.					
officinalis.	Common	Cut: Mar: Com:	4.				S. Eu.
— fol: var:	— Striped	—					
RUSCUS,	BUTCHER'S BROOM.	22. 13					
aculeatus.	Prickly	Suc: —	Com: 1.				Britain.
hypoglossum.	Tongue upon Tongue.	— June					Hungary
— hypophyllum.	— Broad-leaved	— May					Italy.
racemosus.	Alexandrian Laurel.	— June		4.			Portugal
RUTA,	RUE.	10. 1.					
graveolens.	Common	Cut: July Com:	3.				S. Eu.
montana.	Mountain	— Aug:		2.			
SALIX,	WILLOW.	22. 1.					
reticulata.	Netted-leaved	Cut: July Com:	$\frac{1}{2}$.				Britain.
SALSOLA,	SALTWORT.	5. 2.					
fruticosa.	Shrubby	Cut: Sep: Com:	2.				Britain.
SALVIA,	SAGE.	2. 1.					
cretica.	Cretan	Cut: Sep: Com:	2.				Britain.
officinalis.	Garden	—					
— angustifolia.	— Narrow-leaved	—					
triloba.	Three-lobed	—					S. Eu.
SPARTIUM,	BROOM.	17. 4.					
juncum.	Spanish	Seed July Com:	6.				Spain.
— pleno.	— Double S:	—					
radiatum.	Starry	— S.P.	1.				Italy.
scoparium.	Common	— May Com:	6.				Britain.
TAXUS,	YEW TREE.	22. 13.					
baccata.	Common	Seed Mar: Com:	20.				
— fol: var:	— Striped-leaved	Cut: —	6.				
— erecta.	— Upright	Lay: —	20.				
TEUCRIUM,	GERMANDER.	14. 1.					
* flavum.	Yellow	Cut: July Com:	2.				S. Eu.
* fruticans.	Tree	—					
THEA,	TEA.	13. 1.					
* Bohea.	Bohea	Lay: Aug: S.L.	2.				China.
* viridis.	Green	—	3.				
* — angustifolia.	— Narrow-leaved	—					

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
THUJA,	ARBOR-VITÆ.	21.	8.				
filiformis.	Fine-leaved			Cut:	May	Com: 4.	<i>Tartary.</i>
occidentalis.	American			Lay:	—	25.	<i>N. Am.</i>
— densa.	— Close-branched			Lay:	May	Com: 25.	—
orientalis.	China			Seed	—	—	<i>China.</i>
plicata.	Plaited			Cut:	—	6.	—
tartarica.	Tartarian			Lay:	—	—	<i>Tartary.</i>
VACCINIUM.	WHORTLE-BERRY.	8.	1.				
* arctostaphylos.	Madeira			Lay:	July	S.P. 2.	<i>Madeira.</i>
buxifolium.	Box-leaved			Suc:	June	—	$\frac{1}{2}$. <i>N. Am.</i>
crassifolium.	Thick-leaved			Lay:	—	—	—
hispidulum.	Thyme-leaved			—	—	—	$\frac{1}{2}$. —
lucidum.	Shining-leaved			—	—	—	1. —
macrocarpon.	American			—	—	—	$\frac{1}{2}$. —
myrtillus.	Blea-berry.			Suc:	May	—	<i>Britain.</i>
oxycoccus.	Cranberry.			Lay:	—	—	—
* sibiricum.	Siberian			Cut:	June	—	2. <i>Siberia.</i>
Vitis Idæa.	Bilberry.			Suc:	April	—	$\frac{1}{2}$. <i>Britain.</i>
— major.	— Large-leaved			—	—	—	1. —
— maxima.	— Largest-leaved			—	—	—	1. —
— minor.	— Small-leaved			—	—	—	$\frac{1}{2}$. —
— flo: cocc:	— Scarlet-flowered			—	—	—	—
uliginosum.	Great Bilberry.			—	—	—	—
VELLA,	CRESS ROCKET.	15.	1.				
pseudo Cytiasus.	Shrubby			Cut:	April	Com: 3.	<i>Spain.</i>
VIBURNUM,	VIBURNUM.	5.	2.				
Tinus.	Laurestine.			Lay:	Jan:	Com: 6.	<i>S. Eu.</i>
— fol: arg:	— Silver-stpd: L:			—	—	—	—
— fol: aur:	— Gold-stpd: L:			—	—	—	—
— hirtum.	— Hairy-leaved L:			—	—	—	—
— lucidum.	— Shining-leaved			—	—	—	—
ULEX,	FURZE.	17.	4.				
Europæus.	Common			Seed	April	Com: 6.	<i>Britain.</i>
nanus.	Dwarf			—	—	2.	—
YUCCA,	YUCCA.	6.	1.				
* filamentosa.	Thready			Seed	Aug:	S.P. 2.	<i>N. Am.</i>
* — angustifolia.	Narrow-leaved			Suc:	—	—	—
* gloriosa.	Broad-leaved			Seed	—	—	—

HARDY CLIMBING SHRUBS.

DIVISION I.—SECTION IV.

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
AMPELOPSIS,	AMPELOPSIS.	5. 1.					
cordata.	Heart-leaved	Lay:	June	S.P.	12.	N. Am.	
hirsuta.	Hirsute						
ARISTOLOCHIA,	BIRTHWORT.	20. 3.					
pubescens.	Downy-leaved	Lay:	June	S.P.	20.	N. Am.	
sipho.	Broad-leaved	— Aug:	—	—	30.	—	—
ATRAGENE,	ATRAGENE.	13. 6.					
americana.	American	Lay:	July	S.P.	15.	N. Am.	
austriaca.	Austrian	Seed April Com:	12.	Austria.			
sibirica.	Siberian	Lay:	July	—	—	Siberia.	
BIGNONIA,	TRUMPET FLOWER.	10. 2.					
capreolata.	Evergreen	Cut:	July	S.P.	10.	N. Am.	
radicans.	Ash-leaved	Root Aug:	—	—	30.	—	—
— major.	— Large-flowered						
BRUNNICHIA,	BRUNNICHIA.	10. 3.					
cirrhosa.	Climbing	Root July	S.P.	6.	N. Am.		
CELASTRUS,	STAFF-TREE.	5. 1.					
scandens.	Climbing	Root June	S.L.	15.	N. Am.		
CLEMATIS,	VIRGIN'S-BOWER.	13. 6.					
calycina.	Minorca	Cut:	Nov:	Com:	12.	Minorca.	
cirrhosa.	Evergreen	— Oct:	—	—	—	Spain.	
flamula.	Sweet	Seed Aug:	—	—	20.	S. France.	
* florida.	Large-flowered	Lay:	July	S.L.	10.	China.	
* — fl: pleno.	— Double-flow:						
orientalis.	Oriental	Suc:	Aug:	Com:	8.	Levant.	
reticulata.	Netted-leaved	Lay:	June	S.P.	—	N. Am.	
tritermata.	Tritermate						
virginiana.	Virginian	— Aug:	—	—	15.	—	
viorna.	Leathery-flowered	Seed June Com:	12.	—	—	—	
— purpurea.	— Purple-flowered						
vitalba.	Traveller's Joy.	— July	—	—	20.	Britain.	
— canadensis.	— Canadian	— Aug:	—	—	—	N. Am.	
viticella rubra.	Spanish-red	— July.	—	—	—	Spain.	
— coerulea.	— Blue						
— fl: plen:	— Double	Lay:	—	—	—	—	
GLYCINE,	GLYCINE.	17. 3.					
frutescens.	Kidney-bean-Tree.	Root July	S.P.	10.	N. Am.		
HEDERA,	IVY.	5. 1.					
Helix.	Common	Lay:	Oct:	Com:	40.	Britain.	
— fol: arg: mag:	— Silver-blotted				20.	—	
— fol: aur: mac:	— Gold-blotted				—	—	

		Cl. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
		5. 1.					
HEDERA,	IVY.						
cv. Helix fol: arg: var:	Com: Silver-striped		Lay:	Oct:	Com:	20.	Britain.
— fol: aur: var.	— Gold-striped						
— fol: maximis.	— Irish				50.		Ireland.
— poetica.	— Poetic						Europe.
JASMINUM,	JASMINE.	2. 1.					
officinale.	Common-white		Cut:	July	Com:	15.	S. Eu.
— fol: arg:	— Silver-striped						
— fol: aur:	— Gold-striped						
LONICERA,	HONEYSUCKLE.	5. 1.					
Caprifolium.	Early-white		Lay:	May	Com:	10.	Britain.
— fl: rub:	— Red						
— Italicum.	— Italian		June		6.		S. Eu.
dioica.	Glaucous						
flava.	Yellow American		July	S.L.	10.		N. Am.
cv. grata.	Evergreen		Aug:		20.		
implexa.	Minorca		July		8.		Minorca.
Periclymenum.	Woodbine-red		May	Com:	20.		Britain.
— fl: albo.	— White W:						
belgicum.	Dutch-red		July		10.		S. Eu.
— flavum.	— White Dutch						
— præcox.	— Early Dutch		May				
quercifolium.	Oak-leaved		June		15.		Britain.
— variegatum.	— Variegated						
* sempervirens.	Trumpet		July	S.P.			N. Am.
* — minor.	— Smaller T:						
* — longifol:	— Long-leaved T:						
LYCIUM,	Box-THORN.	5. 1.					
barbarum.	Willow-leaved		Root	July	Com:	10.	Asia.
MENISPERMUM,	MOONSEED.	22. 10.					
canadense.	Canadian		Root	July	S.P.	10.	Canada.
* virginicum.	Virginian						Virginia.
PASSIFLORA,	PASSION-FLOWER.	16. 2.					
* cærulea.	Common		Cut:	July	S.P.	15.	S. Am.
* maculata.	Spotted		Root			8.	
PERIPLOCA,	PERIPLOCA.	5. 1.					
græca.	Common		Root	Aug:	S.L.	10.	Syria.
POLYGONUM,	PERSICARIA.	8. 3.					
volubile.	Climbing		Root	June	Com:	12.	Spain.
ROSA,	ROSE.	12. 5.					
arvensis.	Common-field		Lay:	June	Com:	12.	Britain.
canina.	Dog						
— pleno.	— Double						
— variegata:	— Striped-leaved						
* multiflora.	Many-flowered		Cut:	Aug:	S.L.		China.
cv. repanda.	Airshire		Lay:	July	Com:	20.	Scotland.
— sempervirens.	Evergreen		June				N. Eu.
RHUS,	SUMACH.	5. 3.					
radicans.	Creeping		Root	July	S.L.	20.	N. Am.
RUBUS,	BRAMBLE.	12. 5.					
fruticosus.	Common		Lay:	July	Com:	20.	Britain.
— frut: albo.	— White-fruited						

HARDY CLIMBING SHRUBS.—*First Division, Sec. 4.* 43

		CL. Or.	Prop.	Flow.	Soil.	Hgt.	Country.
RUBUS,	BRAMBLE.	12.	5.				
frut: lacineatus.	Com: Jagged-lyd:	Lay:	July	Com:	20.	S. Ev.	
— fl: pleno.	— Double				12.		
SMILAX,	SMILAX.	22.	6.				
ev. aspera.	Rough	Suc:	Sept:	S.P.	8.	S. Ev.	
caduca.	Deciduous		July		6.	Canada.	
ev. laurifolia.	Laurel-leaved				5.	N. Am.	
— lanceolata.	Spear-leaved						
— pubera.	Downy						
— Sasaparilla.	Sasaparilla.		Aug:		10.		
— tannoides.	Bryony-leaved		July		6.		
— virginiana.	Virginian						
VINCA,	PERIWINKLE.	5.	1.				
ev. major.	Great	Suc:	May	Com:	6.	Britain.	
— minor.	Small				4.		
— fol: arg:	— Silver-striped						
— fol: aur:	— Gold-striped						
— fl: pleno.	— Double						
VITIS,	VINE.	5.	1.				
arborea.	Pepper	Cut:	July	R.M.	6.	N. Am.	
blanda.	White Grape.						
hederacea.	Virginian Creeper.	Root		S.P.	30.		
Labrusca.	Downy-leaved	Lay	June		8.		
laciniosa.	Parsley-leaved				20.	Virginia.	
odoratissima.	Sweet-scented						
rotundifolia.	Bull Grape.					N. Am.	
vinifera.	Common Grape.			R.M.	30.	Levant.	
vulpina.	Fox Grape.			S.P.	10.	N. Am.	
ZIZYPHUS,	ZIZYPHUS.	5.	1.				
volubilis.	Twining	Suc:	June	S.P.	8,	Carolina.	

HERBACEOUS PLANTS.

As the Plants contained in this and the subsequent Sections of Hardy Plants are nearly all increased from Seeds, or by parting the Roots; those which flower before June, in October—and those flowering through the rest of the year, in March; the column indicating that character will be dedicated to the Colour of the Flower, throughout this, the 7th and 9th Sections, marked by the initial of the colour—thus, *w.* white, *f.* flesh, *pk.* pink or rose, *y.* yellow, *o.* orange, *p.* purple, *b.* blue, *r.* red, *br.* brown, *g.* green, *st.* striped or variegated, *l.* light, *d.* dark.

DIVISION I.—SECTION V.

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
ACANTHUS,	BEAR'S BREECH.	14.	2.				
<i>mollis.</i>	Soft-leaved		<i>p.w.</i>	July	Com:	3.	<i>S. Eu.</i>
— <i>lusitanicus.</i>	— Portuguese						<i>Portugal.</i>
<i>spinosus.</i>	Prickly			Aug:			<i>Italy.</i>
ACHILLEA,	MILLFOIL.	19.	2.				
* <i>abrotanifolia.</i>	Southernwood-ld:		<i>y.</i>	July	P.L.	2.	<i>Levant.</i>
<i>Ageratum.</i>	Sweet Maudlin.			Aug:	S.P.	2.	<i>S. Eu.</i>
<i>alpina.</i>	Alpine		<i>w.</i>	July		$\frac{1}{2}$.	<i>Switz.</i>
<i>asplenifolia.</i>	Fern-leaved		<i>pk.</i>				<i>N. Am.</i>
<i>atrata.</i>	Black-cupt		<i>w.</i>		Com:	2.	<i>Austria.</i>
<i>aurea.</i>	Golden		<i>y.</i>			1.	<i>Levant.</i>
* <i>Clavennæ.</i>	Silver-leaved		<i>w.</i>	June	P.L.	$\frac{1}{2}$.	
* <i>cretica.</i>	Cretan			Aug:		1.	<i>I. Candia.</i>
<i>cristata.</i>	Crested					$\frac{1}{2}$.	<i>Italy.</i>
<i>crithmifolia.</i>	Sapphire-leaved		<i>l.y.</i>				<i>Hungary</i>
<i>decumbens.</i>	Trailing		<i>w.</i>	July	Com:		<i>Spain.</i>
<i>Enpatorium.</i>	Broad-leaved		<i>y.</i>	Aug:		2.	<i>Siberia.</i>
<i>falcata.</i>	Sickle-leaved			June		1.	<i>Levant.</i>
<i>Herbarota.</i>	Herbarota.		<i>w.</i>	July		2.	<i>S. France.</i>
<i>impatiens.</i>	Impatient						<i>Siberia.</i>
<i>ligustica.</i>	Ligurian			June			<i>Italy.</i>
<i>macrophylla.</i>	Fever few-leaved			Aug:		1.	<i>Switz.</i>
<i>magna.</i>	Great Yarrow.			July		3.	<i>S. Eu.</i>
<i>micrantha.</i>	Small-flowered		<i>y.</i>	June	P.L.	1.	<i>Levant.</i>
<i>millefolium.</i>	Common		<i>w.</i>		Com:	2.	<i>Britain.</i>
— <i>flo. rubro.</i>	— Red-flowered		<i>r.</i>				
<i>montana.</i>	Mountain		<i>pk.</i>	July		1.	<i>Italy.</i>
<i>moschata.</i>	Musk-scented		<i>w.</i>	June		2.	
<i>nobilis.</i>	Shewy						<i>Germany.</i>
<i>pehroleuca.</i>	Yellowish		<i>br.</i>	Aug:			<i>Hungary.</i>

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
ACHILLEA,	MILLFOIL.	19. 2.					
<i>odorata.</i>	Sweet		y.	July Com:	1.		Spain.
<i>ptarmica.</i>	Saese-wort		w.	— — — —	—		Britain.
— fl: pleno.	— Double						
<i>pubescens.</i>	Downy-leaved		l.y.	June P.L.	1.		Levant.
<i>rosea.</i>	Rose-colored		pk.	July Com:	2.		Spain.
<i>Santolina.</i>	Santolina-leaved		y.	June P.L.	1.		Levant.
<i>serfata.</i>	Saw-leaved		w.	Aug: Com:	2.		Britain.
<i>setacea.</i>	Bristly		—	July P.L.	1.		Hungary
<i>squarrosa.</i>	Rough-leaved		—	Aug: — — —	—		
<i>tanacetifolia.</i>	Tansey-leaved		pk.	July Com:	1.		Switz.
<i>tomentos.</i>	Woolly		y.	June — — —	2.		Britain.
ACONITUM,	WOOLF'S-BANE.	13. 3.					
<i>album.</i>	White		w.	July Com:	4.		Levant.
<i>Anthora.</i>	Wholesome		p.y.	— — — —	1½.		Alps.
<i>cammarum.</i>	Purple		p.	— — — —	4.		Germany.
<i>japonicum.</i>	Japanese		b.	Aug: — — —	6.		Japan.
<i>lycoctonum.</i>	Great Yellow		y.	July — — —	3.		Alps.
<i>napellus.</i>	Monk's-hood		b.	June — — —	4.		Europe.
— fl: albo.	— White		w.	— — — —	—		Siberia.
— fl: roseo.	— Pink		pk.	— — — —	—		N. Am.
— pyramidale.	— Long-spiked		b.	— — — —	—		Europe.
<i>ochroleucum.</i>	Small Yellow		l.y.	July — — —	3.		Siberia.
<i>pyrenaicum.</i>	Pyrenean		y.	— — — —	4.		Pyrenees
<i>septentrionale.</i>	Northern		—	— — — —	—		N. Eu.
<i>variegatum.</i>	Variegated		p.w.	Aug: — — —	5.		S. Eu.
<i>volubile.</i>	Twining		b.	July — — —	6.		Siberia.
<i>uncinatum.</i>	American		—	June — — —	2.		N. Am.
ACTEA,	HERB CHRISTOPHER.	13. 1.					
<i>racemosa.</i>	Black Snake-root.		p.	July S.L.	2.		N. Am.
<i>spicata.</i>	Common		w.	June — — —	3.		Britain.
— bacc: albidia.	White-berried		—	— — — —	—		N. Am.
— bacc: rubris.	Red-berried		—	— — — —	—		
ADONIS,	ADONIS.	13. 7.					
<i>vernalis.</i>	Spring		y.	Mar: S.P.	1.		Bohemia.
ADOXA,	MOSCHATEL.	8. 8.					
<i>moschatellina.</i>	Tuberous		l.y.	Mar: S.P.	1.		Britain.
AGRIMONIA,	AGRIMONY.	11. 1.					
<i>Agrimonioides.</i>	Three-leaved		y.	June Com:	1½.		Italy.
<i>Eupatoria.</i>	Common		—	— — — —	3.		Britain.
— nana.	— Dwarf		w.	— — — —	1.		Italy.
<i>odorata.</i>	Sweet		y.	July — — —	4.		
AJUGA,	BUGLE.	14. 1.					
<i>alpina.</i>	Alpine		b.	June Com:	1.		Britain.
<i>genevensis.</i>	Geneva		f.	May — — —	—		Switz.
<i>orientalis.</i>	Oriental		b.	June S.P.	1½.		Levant.
<i>pyramidalis.</i>	Pyramidal		—	— — — —	1.		Britain.
<i>reptans.</i>	Common		—	— — — —	1.		
— flo: albo.	— White-flowered		w.	— — — —	—		
ALCHEMILLA,	LADIES' MANTLE.	4. 1.					
<i>alpina.</i>	Alpine		l.y.	July Com:	1.		Britain.
<i>pentaphylla.</i>	Five-leaved		w.	— — — —	—		Alps.

		Cl. Or.	Color.	Flow.	Soll.	Hgt.	Country.
ALCHEMILLA, vulgaris. — pubescens.	LADIES'-MANTLE. Common — Downy	4. 1.	w.	Aug.	Com:	1.	Britain.
ALETTRIS, * aurea. * farinosa.	ALETTRIS. Yellow Mealy	6. 1.	y. l.y.	June	S.P.	$\frac{1}{2}$.	N. Am.
ALTHÆA, cannabina. narbonensis. officinalis.	MARSH-MALLOW. Hemp-leaved Narbonne Common	16. 7.	pk. r. f.	July Aug: July	Com:	5.	Italy. France. Britain.
ALYSSUM, alpestre. * creticum. incanum. montanum. murale. * olympicum. cut.: saxatile. tortuosum.	MADWORT. Italian Cretan Hoary Mountain Wall Grecian Rock Twisted	15. 1.	y. — w. y. l.y. y. — y.	June May — July June May April June	S.L.	$\frac{1}{2}$.	Italy. Creté. Italy. Austria. Europe. Greece. Candia. Hungary.
AMSONIA, angustifolia. latifolia.	AMSONIA. Narrow-leaved Broad-leaved	5. 1.	b.	June	P.L.	2.	N. Am.
ANCHUSA, angustifolia. — flo: albo. officinalis. sempervirens. tinctoria. undulata.	BUGLOSS. Narrow-leaved — White Common Evergreen Dyer's Wave-leaved	5. 1.	p. w. p. b. p. b.	June — July — — Aug:	Com:	2. $1\frac{1}{2}$. 1. — $1\frac{1}{2}$. 3.	S. Eu. — Britain. — S. France. Spain.
ANCISTRUM, * lucidum.	ANCISTRUM. Shining-leaved	2. 1.	r.	June	S.P.	$\frac{1}{2}$.	Falk. Isle
ANDROSACE, carnea. lactea. villosa.	ANDROSACE. Awl-leaved Grass-leaved Hairy	5. 1.	f. w. g.	July June —	S.P.	$\frac{1}{4}$.	Switz. Austria.
ANDRYALA, lanata.	ANDRYALA. Woolly	19. 1.	y.	May	S.P.	$\frac{1}{4}$.	S. Eu.
ANEMONE, alpina. apennina. baldensis. cernua. coronaria. dichotoma. Hepatica rubra. — flo: pl: rubro. — fl: albo. — fl: cœruleo. — fl: cœr: pleno. hortensis. — flo: pleno. narcissiflora.	ANEMONE. Alpine Apennine Mount Baldo Drooping-flowered Poppy, many colors. Forked Hepatica Red — Double Red — Single White — Single Blue — Double Blue Garden — Double Narciss-flowered	13. 7.	w. b. w.r. r.w. var. p.w. pk. — — — — var. r. w.	May Mar: July — April May Mar: — — — May — —	S.P.	$\frac{1}{2}$.	Switz. Britain. Switz. — Levant. Siberia. Europe. — — — — Italy. — Siberia.

HERBACEOUS PLANTS.—First Division, Sec. 5.

47

		CL. Or.	Color.	Flow.	Soil.	Hgt.	Country.
ANEMONE,	ANEMONE.	13.	7.				
nemorosa.	Wood			x.	April	S.P.	1. Britain.
— flo: pleno.	— Double						
* palmata.	Cyclamen-leaved	y.	June	—	1.	Portugal.	
patens.	Woolly-leaved	l.y.	July	—	1.	Siberia.	
pennsylvanica.	Pennsylvanian	w.	June	—	—	N. Am.	
pratensis.	Meadow	d.p.	May	—	1.	Germany	
pulsatilla.	Pasque-flower.	d.b.	April	—	—	Britain.	
— major.	— Larger Pasque-fl:				1.		
ranunculoides.	Yellow-wood	y.	—	—	1.		
syvestris.	Large White	w.	May	—	—	Germany.	
thalictroides.	Meadow-rue-lvd:				—	N. Am.	
vernalis.	Parsley-leaved	p.w.	April	—	—	Switz.	
virginiana.	Virginian	w.	May	—	—	N. Am.	
ANTHEMIS,	CHAMOMILE.	19.	2.				
montana.	Mountain	p.	June Com:	1.	S. Eu.		
nobilis.	Common	w.	July	—	—	Britain.	
pyrethrum.	Pellitory of Spain.	—	June S.P.	1.	Spain.		
tinctoria.	Ox-Eye	y.	July Com:	1½.	Britain.		
tomentosa.	Downy	w.	—	—	1.	Italy.	
ANTHERICUM,	ANTHERICUM.	6.	1.				
liliago.	Grass-leaved	w.	June S.L.	1½.	S. Eu.		
liliastrum.	Spider-wort.				1.	Switz.	
ossifragum.	Lancashire	y.	Aug: M.S.	1.	Britain.		
ramosum.	Branching	w.	June Com:	3.	S. Eu.		
ANTHYLLIS,	KIDNEY VETCH.	17.	4.				
montana.	Mountain	p.	July S.L.	1.	S. Eu.		
vulneraria.	Common	y.	June	—	1.	Britain.	
— flo: coccineo.	— Scarlet-flowered	s.	—	—	—		
ANTIRRHINUM,	TOAD FLAX.	14.	2.				
alpinum.	Alpine	b.	May S.L.	1.	Alps.		
Cymbalaria.	Ivy-leaved	p.	June	—	1.	Britain.	
— fol: variegatis.	— Striped Ivy						
gensitifolium.	Broom-leaved	y.	July Com:	3.	Austria.		
Linaria.	Common Yellow				1.	Britain.	
— peloria.	— Monstrous						
monspessulanum.	Montpellier	st.	Aug: —	3.	S. Eu.		
pilosum.	Hairy	p.	June S.L.	1.	Italy.		
purpureum.	Purple		Com: —	—	S. Eu.		
repens.	Creeping	b.	July	—	—	Britain.	
triornithophorum	Three-Bird	p.	—	S.P.	—	N. Am.	
APHILANTHES,	LILY PINK.	6.	1.				
monspeliensis.	Montpellier	r.	June Com:	1.	S. France.		
APOCYNUM,	DOG'S-BANE.	5.	1.				
androsæmifolium.	Tutsan-leaved	st.	June P.L.	2.	N. Am.		
cannabinum.	Hemp-leaved	w.	—	Com:	3.		
hypericifolium.	Hypericum-leaved				2.		
* venetum.	Venetian				—	Italy.	
AQUILEGIA,	COLUMBINE.	5.	1.				
alpina.	Alpine	b.g.	May Com:	1.	Switz.		
canadensis.	Canadian	r.o.	April S.P.	—	Canada.		
grandiflora.	Siberian	b.y.	—	—	1½.	Siberia.	

		Cl. Or.	Color.	Flow.	Soll.	Hgt.	Country.
AQUILEGIA,	COLUMBINE.	5. 1.					
viridiflora.	Green-flowered	g.	May	S.P.	1.	Siberia.	
viscosa.	Clammy	p.	June	Com:	1½.	S. Eu.	
vulgaris.	Common	b.	—	—	2.	Britain.	
— fl. pleno.	— Double	pk.	—	—	—	—	
— rosea-multi:	— Rose Double	pk.	—	—	—	—	
ARABIS,	WALL CRESS.	15. 2.					
alpina.	Alpine	w.y.	April	P.L.	1.	Alps.	
bellidifolia.	Daisy-leaved	—	June	—	1.	Switz.	
lucida.	Shining-leaved	w.	—	—	2.	Hungary.	
sibirica.	Siberian	—	—	—	—	Siberia.	
ARALEA,	ARALEA.	5. 5.					
indicauis.	Naked-stalked	l.y.	July	S.P.	4.	Canada.	
racemosa.	Berry-bearing	—	—	—	—	—	—
ARENARIA,	SANDWORT.	10. 3.					
baliarica.	Majorca	w.	July	S.P.	1.	Minorca.	
grandiflora.	Large-flowered	—	Aug:	—	—	S. Eu.	
laricifolia.	Larch-leaved	—	June	—	—	Britain.	
montana.	Mountain	—	—	—	—	S. France.	
peploides.	Sea Chick-weed.	—	July	—	—	Britain.	
saxatilis.	Rock	—	—	—	—	Siberia.	
verna.	Spring	—	May	—	—	Britain.	
ARETIA,	ARETIA.	5. 1.					
alpina.	Alpine	pk.	June	S.P.	1.	Switz.	
helvetica.	Imbricated	w.	—	—	—	—	—
vitalina.	Primrose	y.	—	—	—	Pyrenees.	
ARISTOLOCHIA,	BIRTHWORT.	20. 5.					
clematitis.	Upright	y.g.	May	Com:	2.	Britain.	
longa.	Long-rooted	p.	June	—	1½.	S. Eu.	
rotunda.	Round-rooted	d.p.	—	—	2.	—	
* serpentaria.	Snake-root	—	—	S.P.	1.	N. Am.	
ARNICA,	ARNICA.	19. 2.					
Bellidiastrum.	Daisy-leaved	w.	July	P.L.	1.	Switz.	
montana.	Mountain	y.	June	—	—	Europe.	
scorpioides.	Alternate-leaved	—	—	—	1.	Switz.	
ARTEMISIA,	WORMWOOD.	10. 2.					
Absinthium.	Common	l.y.	July	Com:	1½.	Britain.	
austriaca.	Austrian	b.	Aug:	—	1.	Austria.	
campestris.	Field	w.	—	—	—	Britain.	
cærulescens.	Lavender-leaved	r.	—	—	1½.	—	
Dracunculus.	Tarragan	w.	—	—	2.	Switz.	
glacialis.	Creeping	y.	—	—	2.	Alps.	
fragrans.	Sweet	l.y.	July	—	1.	Armenia.	
japonica.	Japan	w.	Oct:	—	3.	Japan.	
maritima.	Sea	—	Aug:	—	1.	Britain.	
pontica.	Roman	y.	—	—	3.	Austria.	
rupestris.	Rock	br.	—	—	1.	Switz.	
santonica.	Tartarian	w.	—	—	—	Tartary.	
sericea.	Silky	—	—	—	1½.	Siberia.	
spicata.	Spiked	br.	—	—	1.	Austria.	
vallesiana.	Downy	pk.	Aug:	—	—	Spain.	
vulgaris.	Mugwort.	r.	—	—	3.	Britain.	

		Cl.	Or.	Color.	Flow.	Soil.	Hgt.	Country.
ARUM,	ARUM.	21.	7.					
arisarum.	Priar's Cowl.	l.y.	May	S.L.	1½.			S. Eu.
atrorubens.	Purple-stalked	br.	July	—	1.			N. Am.
dracunculus.	Common Dragon.	—	—	—	3.			S. Eu.
italicum.	Italian	l.y.	—	Com:	1½.			Italy.
maculatum.	Cuckow-pint	w.	June	—	1.			Britain.
tenuifolium.	Grass-leaved	w.	May	S.P.	—			S. Eu.
* triphyllum.	Three-leaved	b.	June	—	1.			N. Am.
virginicum.	Virginian	r.	July	—	1.			—
ARUNDO,	REED.	3.	2.					
donax.	Cultivated	r.	July	Com:	10.			Europe.
— fol: var:	— Striped	—	—	—	3.			—
ASARUM,	ASARABACCA.	11.	1.					
canadense.	Canadian	b.	June	P.L.	1.			Canada.
eupæum.	European	—	—	—	—			Europe.
* virginicum.	Virginian	—	May	—	—			N. Am.
ASCLEPIAS,	SWALLOW-WORT.	5.	2.					
amœna.	Qual-leaved	r.	July	P.L.	3.			N. Am.
incarnata.	Flesh-coloured	f.	Aug:	—	2.			—
nigra.	Dark-flowered	b.	July	—	4.			S. Eu.
nivea.	Almond-leaved	w.	—	—	3.			N. Am.
purpurascens.	Purple	p.	Aug:	—	—			—
sibirica.	Siberian	b.	July	Com:	—			Siberia.
syriaca.	Syrian	—	Aug:	—	4.			Syria.
* tuberosa.	Orange Apocynum.	o.	—	S.L.	2.			N. Am.
variegata.	Variegated	st.	June	P.L.	4.			—
verticillata.	Whorl-leaved	w.	—	—	3.			—
Vincetoxicum.	Official	—	June	Com:	2.			Europe.
ASPARAGUS,	ASPARAGUS.	6.	1.					
officinalis.	Garden	w.	July	R.M.	4.			Britain.
verticillaris.	Whorl-leaved	—	—	—	2.			Levant.
ASPERULA,	WOOD-ROOF.	4.	1.					
crassifolia.	Thick-leaved	w.	June	S.L.	1.			Levant.
cynanchia.	Squinacy-wort	st.	—	—	—			Britain.
lævigata.	Shining	w.	July	—	1.			S. Eu.
odorata.	Sweet-scented	—	May	—	1.			Britain.
taurina.	Broad-leaved	f.	June	—	1.			Switz.
tinctoria.	Small-leaved	w.	July	—	1.			Europe.
ASPHODELUS,	KING'S-SPEAR.	6.	1.					
luteus.	Yellow	y.	June	Com:	3.			Sicily.
ramosus.	Branched	w.	—	—	4.			S. Eu.
ASTER,	STARWORT.	19.	2.					
acris.	Acrid	b.	Aug:	Com:	2.			S. Eu.
æstivus.	Labradore	—	—	—	—			N. Am.
alpinus.	Alpine	p.	July	P.L.	1.			Alps.
altissimus.	Tallest	—	Oct:	Com:	8.			N. Am.
Amellus.	Italian	—	Aug:	—	2.			S. Eu.
contolor.	One-coloured	—	—	—	4.			N. Am.
cordifolius.	Heart-leaved	p.b.	—	—	2.			—
corymbosus.	Corymbose	w.	Sept:	—	—			—
diffusus.	Diffuse	—	—	—	—			—
divaricatus.	Divaricated	—	—	—	—			—

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
ASTER,	STARWORT.	19. 2.					
<i>dumosus.</i>	Bushy	<i>w.</i>	Oct:	Com:	3.	<i>N. Am.</i>	
<i>ericoides.</i>	Heath-leaved	Sept:	4.				
<i>foliosus.</i>	Leafy	<i>p.b.</i>					
<i>fragilis.</i>	Brittle						
<i>grandiflorus.</i>	Great-flowered	<i>p.</i>	Oct:		3.		
<i>hyssopifolius.</i>	Hyssop-leaved				1.		
<i>juncus.</i>	Rush-like				4.		
<i>latifolius.</i>	Broad-leaved				1½.	<i>Canada.</i>	
<i>lævis.</i>	Smooth	<i>b.</i>	Sept:		2.	<i>N. Am.</i>	
<i>linarifolius.</i>	Savory-leaved	<i>ph.</i>	Aug:		1.		
<i>linifolius.</i>	Flax-leaved	<i>w.</i>			2.		
<i>macrophyllus.</i>	Large-leaved		Sept:				
<i>miser.</i>	Small-white		Nov:		3.		
<i>mutabilis.</i>	Variable	<i>p.</i>	Sept:		4.		
<i>multiflorus.</i>	Small-leaved	<i>w.</i>	Oct:		3.		
<i>novæ anglia.</i>	New England	<i>p.</i>	Sept:		4.		
<i>novi belgii.</i>	New York	<i>p.b.</i>	Aug:				
<i>paludosus.</i>	Marsh	<i>b.</i>	Sept:	M.S.	3.		
<i>paniculatus.</i>	Panicled	<i>b.</i>	Oct:	Com:	4.		
<i>pendulus.</i>	Pendulous	<i>w.</i>			2.		
<i>puniceus.</i>	Red-Stalked	<i>b.</i>	Sept:		8.		
<i>— elatior.</i>	— Tall				8.		
<i>radula.</i>	Rasp-leaved	<i>p.</i>			3.		
<i>rigidus.</i>	Harsh		Aug:				
<i>salicifolius.</i>	Willow-leaved	<i>f.</i>	Sept:		6.		
<i>sibiricus.</i>	Siberian	<i>b.</i>			2.	<i>Siberia.</i>	
<i>spectabilis.</i>	Shewy					<i>N. Am.</i>	
<i>spurius.</i>	Spurious	<i>p.</i>			4.		
<i>tardiflorus.</i>	Late-flowering	<i>p.b.</i>	Aug:		2.		
<i>tenuifolius.</i>	Fine-leaved	<i>w.</i>	Oct:		5.		
<i>Tradescanti.</i>	Tradescant's	<i>b.</i>	Sept:		3.		
<i>umbellatus.</i>	Umbelled	<i>w.</i>	Aug:		2.		
<i>undulatus.</i>	Wave-leaved	<i>p.b.</i>	Sept:		3.		
ASTRAGULUS,	MILK VETCH.	17. 4.					
<i>alopecuroides.</i>	Fox-tail	<i>l.y.</i>	June	S.L.	2.	<i>Spain.</i>	
<i>alpinus.</i>	Alpine	<i>w.b.</i>			1.	<i>Switz.</i>	
<i>Cicer.</i>	Bladder-podded	<i>y.</i>	July		2.	<i>S. Eu.</i>	
<i>christianus.</i>	Great-yellow				3.	<i>Armenia.</i>	
<i>galegiformis.</i>	Goat's-rue				5.	<i>Siberia.</i>	
<i>glycyphylus.</i>	Wild-liquorice	<i>l.y.</i>	June		3.	<i>Britain.</i>	
<i>hypoglottis.</i>	Purple-mountain	<i>p.</i>			½.		
<i>microphyllus.</i>	Small-leaved	<i>y.</i>	July	P.L.	1.	<i>Siberia.</i>	
<i>montanus.</i>	Mountain	<i>r.</i>	May	S.L.	½.	<i>Austria.</i>	
<i>* monspessulanus.</i>	Montpellier	<i>p.</i>	June		1.	<i>S. France.</i>	
<i>* enobrachya</i>	Purple-spiked	<i>r.</i>	July		1½.	<i>Austria.</i>	
	Furrowed	<i>l.b.</i>		Com:	3.	<i>Siberia.</i>	
<i>tenuifolius.</i>	Narrow-leaved	<i>p.</i>		P.L.	1.		
<i>virecens.</i>	Green-flowered	<i>g.</i>	June				
<i>uliginosus.</i>	Marsh	<i>l.b.</i>	July		2.		
<i>uralensis.</i>	Hairy-mountain	<i>l.p.</i>			½.	<i>Scotland.</i>	

HERBACEOUS PLANTS.—First Division, Sec. 5.

51.

		Cl.	Or.	Color.	Flow.	Soil.	Hgt.	Country.
* ASTRANTIA, carniolica. major. minor.	MASTERWORT.	5.	2.					
	Carniolian			st.	Aug: P.L.	1.		Carniola.
	Greater			—	—	—	—	Alps.
ATHAMANTA, condensata. cretensis. Libanotis. rigida. sibirica. sicula.	Lesser			w.	—	—	—	Switz.
	SPIGNEL.	5.	2.					
	Close-headed			f.	Aug: Com:	1.		Siberia.
	Fine-leaved			w.	July —	—	—	Austria.
	Mountain			—	Aug: —	2.		Britain.
	Harsh-leaved			—	—	1½.		Switz.
	Siberian			f.	—	—	2.	Siberia.
	Flaxweed-leaved			w.	June —	3.		Sicily.
	MANDRAKE.	5.	1.					
	Deadly-Nightshade			d.p.	July Com:	5.		Britain.
* mandragora.	Mandrake.			w.	April —	½.		S. Eu.
BALLOTA, lanata. nigra. — fl: alb:	BLACK HOREHOUND.	14.	1.					
	Wooly			l.y.	July Com:	2.		Siberia.
	Common			p.	Aug: —	—	—	Britain.
	— White-flowered			w.	—	—	—	Sweden.
BALSAMITA, virgata. vulgaris.	COSTMARY.	19.	1.					
	Twiggy			y.	Aug: Com:	3.		S. France.
	Common			—	—	—	—	Europe.
BARTSIA, alpina. coccinea. pallida.	BARTSIA.	14.	2.					
	Alpine			p.	Aug: S.P.	½.		Britain.
	Red			r.	July —	—	—	N. Am.
	Pale-flowered			l.p.	—	—	—	—
BELLIS, perennis. hortensis. — variegata. — alba. — fistulosa. — prolifera.	DAISY.	19.	2.					
	Common			w.	April Com:	½.		Britain.
	Double Red			r.	—	—	—	—
	— Striped			st.	—	—	—	—
	— White			w.	—	—	—	—
	— Quilled			r.	—	—	—	—
	— Hen & Chicken			st.	—	—	—	—
BELLIUM, * Bellidioides.	BELLIUM.	19.	2.					
	Small			w.	June S.P.	½.		Italy.
BETONICA, alopecurus. grandiflora. hirsuta. incana. officinalis. orientalis. stricta.	BETONY.	14.	1.					
	Foxtail			l.y.	July Com:	1½.		S. Eu.
	Large-flowered			l.r.	— S.L.	2.		Siberia.
	Hairy			p.	June S.P.	½.		Alps.
	Hoary			f.	—	—	—	Italy.
	Wood			r.	July Com:	1.		Britain.
	Oriental			l.p.	—	—	—	Levant.
	Danish			p.	—	—	1½.	Denmark
BocCONIA, cordata.	BocCONIA.	11.	1.					
	Heart-leaved			w.	Aug: S.L.	6.		China.
BOLTONIA, Asteroides. glastifolia.	BOLTONIA.	19.	2.					
	Starwort-flower			f.	Sept: S.L.	2.		N. Am.
	Glaucous-leaved			l.y.	—	—	1½.	—
BORAGO, orientalis.	BORAGE.	5.	1.					
	Oriental			b.	April Com:	2.		Levant.
BUNIAS, orientalis.	BUNIAS.	15.	1.					
	Oriental			y.	May Com:	3.		Russia.

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
BUPHTHALMUM,	OX-EYE.	19. 2.					
cordifolium.	Heart-leaved	y.	July	P.L.	1.	Hungary.	
grandiflorum.	Great-flowered	—	June	—	1½.	Austria.	
Helianthoides.	Sunflower-like	—	Aug:	Com:	6:	N. Am.	
* maritimum.	Sea	—	—	S.L.	1.	Sicily.	
salicifolium.	Willow-leaved	—	—	Com:	1½.	S. Eu.	
BUPLEURUM,	HARE'S-EAR.	5. 2.					
angulosum.	Angular-leaved	g.	May	Com:	1½.	Switz.	
longifolium.	Long-leaved	—	—	—	3.	Germany.	
CACALIA,	CACALIA.	19. 1.					
alpina.	Alpine	p.	July	Com:	2.	Austria.	
atriplicifolia.	Orache-leaved	l.p.	Aug:	—	4.	N. Am.	
hastata.	Spear-leaved	w.	—	—	1.	Siberia.	
saracenicæ.	Creeping-rooted	y.	—	—	4.	S. France.	
suaveolens.	Sweet	w.	—	—	6.	N. Am.	
CACHRYS,	CACHRYS.	5. 2.					
Libanotis.	Smooth-seeded	y.	Aug:	Com:	3.	Sicily.	
panacifolia.	Parsnip-leaved	—	—	—	4.	Barbary.	
sicula.	Hairy-seeded	—	—	—	5.	Sicily.	
CALTHA,	MARSH MARYGOLD.	13. 7.					
palustris.	Common	y.	May	M.S:	1.	Britain.	
— flo: pleno.	— Double	—	June	—	—	—	
CAMPANULA,	BELL-FLOWER.	5. 1.					
alliaræfolia.	Alliaria-leaved	b.	July	P.L.	1.	Lecant.	
azurea.	Azure	l.b.	June	—	1½.	Alps.	
alpina.	Alpine	b.	—	—	—	—	
barbata.	Bearded	l.b.	—	—	1½.	Italy.	
betonicæfolia.	Betony-leaved	—	—	—	1.	Siberia.	
carpatica.	Carpatian	b.	July	—	2.	Carpathica	
collina.	Sage-leaved	—	—	—	1.	Asia.	
glomerata.	Clustered	κ.	June	—	2.	Britain.	
* grandiflora.	Large-flowered	b.	July	—	1.	Siberia.	
latifol: cœrul:	Broad-leaved	—	Aug:	—	4.	Britain.	
— flo: alba.	— White	w.	—	—	—	—	
* laciniata.	Jagged-leaved	s.b.	June	—	2.	Greece.	
nitida.	Shining-leaved	b.	July	—	1.	N. Am.	
— alba.	— White	w.	—	—	—	—	
patula.	Spreading	b.	—	—	—	—	
peregrina.	Rough-leaved	—	June	—	2.	Switz.	
persicifolia.	Peach-leaved	—	July	—	3.	N. Eu.	
— alb: plen:	— Double White	w.	—	—	—	—	
— cœr: plen:	— Double Blue	b.	—	—	—	—	
* pumila.	Dwarf	—	—	—	½.	Switz.	
pyramidalis.	Pyramidal	—	Aug:	—	4.	Carniola.	
rapunculoides.	Creeping-rooted	—	July	—	3.	Britain.	
rotundifolia.	Round-leaved	—	June	—	½.	—	
— flo: alba.	— White	w.	—	—	—	—	
* saxatilis.	Rock	b.	—	—	1.	Crete.	
Trachelium.	Throatwort	—	Aug:	—	4.	Britain.	
— flo: alb: pleno.	— Double White	w.	—	—	—	—	
— flo: cœr: pleno.	— Double Blue	b.	—	—	—	—	
* versicolor.	Blue and White	st.	—	S.L.	4.	Greece.	
verticillata.	Whorled	l.b.	—	—	3.	Siberia.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
CARDAMINE,	LADIES-SMOCK.	15. 2.					
amara.	Bitter		w.	April	P.L.	1.	Britain.
* asarifolia.	Asarabacca-leaved		—	June	—	—	Italy.
petraea.	Rock		—	May	—	—	Britain.
pratensis.	Cuckow-flower.		lp.	—	M.S.	1.	—
— flo: pleno.	— Double		—	—	—	—	—
trifolia.	Three-leaved		w.	Mar:	P.L.	1½.	Lapland.
CARDUUS,	THRISTLE.	19. 1.					
cyanoides.	Blue-bottle-leaved		r.	July	Com:	2.	Siberia.
defloratus.	Various-leaved		—	Aug:	—	6.	France.
parviflorus.	Small-flowered		w.	June	—	2.	S. Eu.
pycnocephalus.	Italian		p.	July	—	1½.	Italy.
tartaricus.	Tartarian		r.	June	—	—	Siberia.
CASSIA,	CASSIA.	10. 1.					
* marilandica.	Maryland		y.	Aug:	S.P.	4.	N. Am.
CATANANCHE,	CATANANCHE.	19. 1.					
cœrulea.	Blue		b.	July	Com:	3.	S. Eu.
CENTAUREA,	CENTAURY.	19. 3.					
Centaureum.	Great		r.	Aug:	Com:	4.	Italy.
cineraria.	White-leaved		w.	—	—	3.	—
glastifolia.	Wood-leaved		y.	July	—	4.	Siberia.
montana.	Mountain		b.	—	—	1½.	Switz.
phrygia.	Austrian		y.	June	Com:	3.	Austria.
rhapontica.	Swiss		p.	July	—	1½.	Switz.
scabiosa.	Scabious-leaved		—	—	—	—	—
sibirica.	Siberian		r.	—	—	1.	Siberia.
tartarica.	Tartarian		p.	—	—	2.	Tartary.
CERASTIUM,	MOUSE-EAR.	10. 5.					
alpinum.	Alpine		st.	May	Com:	1.	Britain.
arvense.	Field or Corn		w.	June	—	—	—
dioicum.	Spanish		w.	—	—	—	Spain.
latifolium.	Broad-leaved		—	—	—	—	Britain.
* repens.	Creeping		w.	May	—	1.	S. Eu.
tomentosum.	White		w.	—	—	1.	Britain.
CHEIRANTHUS,	STOCK.	15. 2.					
alpinus.	Alpine		ly.	May	S.P.	1.	Alps.
helveticus.	Swiss		y.	June	—	1½.	S. Eu.
CHELIDONIUM,	CELANDINE.	13. 1.					
majus.	Great		y.	May	Com:	2.	Britain.
— laciniatum.	— Jagged-leaved		—	—	—	—	—
— flo: pleno.	— Double		—	—	—	—	—
CHELONE,	CHELONE.	14. 2.					
barbata.	Scarlet		o.s.	July	P.L.	3.	Mexico.
glabra.	White		w.	Aug:	—	4.	N. Am.
obliqua.	Purple		p.	—	—	—	—
— major.	— Large-leaved		—	—	—	—	—
CHERLERIA,	CHERLERIA.	10. 3.					
Sedoides.	Stone-crop		y.	July	S.L.	1.	Britain.
CHRYSANthemum,	CHRYSANthemum.	19. 2.					
anthemoides.	Chamomile-leaved		w.	June	Com:	1.	S. Eu.
argenteum.	Silvery		—	—	—	—	Levant.
atratum.	Fleshy-leaved		—	—	—	—	Austria.

HERBACEOUS PLANTS.—First Division, Sec. 5.

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
CHRYSANthemum,	CHRYSANthemum.	19.2.					
ceratophylloides.	Buckshorn	—	June	Com:	2.	Piedmont	
graminifolium.	Grass-leaved	—	May	—	1.	Montpel.	
millefolium.	Tansy-leaved	y.	—	—	2.	Levant.	
mons-peliense.	Montpellier	w.	June	—	1.	Montpel.	
montanum.	Mountain	—	—	—	2.	S. France.	
CHRYSOcoma,	GOLDY-LOCKS.	19.1.					
biflora.	Two-flowered	y.	Aug:	Com:	3.	Siberia.	
linosyris.	Flax-leaved	—	Sept:	—	2.	Europe.	
villosa.	Hairy	—	—	—	1½.	Siberia.	
CHRYSOsPLENIUM,	GOLDEN SAXIFRAGE.	10.2.					
alternifolium,	Alternate-leaved	y.	April	M.L.	1.	Britain.	
oppositifolium.	Opposite-leaved	—	—	—	—	—	
CIMICIFUGA,	BUGG-WORT.	13.4.					
fœtida.	Stinking	l.y.	July	P.L.	4.	Siberia.	
CINERARIA,	CINERARIA.	19.2.					
campestris.	Mountain	g.	May	Com:	1.	Britain.	
cordifolia.	Heart-leaved	—	June	—	2.	Austria.	
gigantea.	Giant	—	July	—	4.	C. Horn.	
glauc.	Glaucous	—	—	—	6.	Siberia.	
longifolia.	Long-leaved	—	May	—	2.	Austria.	
sibirica.	Siberian	—	June	—	4.	Siberia.	
CIRCEA,	ENCHANTER'S NIGHT-SHADE.	2.1.					
alpina.	Mountain	f.	July	Com:	1.	Britain.	
lutetiana.	Common	—	—	—	1.	—	
CISTUS,	ROCK-ROSE.	13.1.					
tuberaria.	Plantain-leaved	y.	June	S.P.	1½.	Spain.	
CLAYTONIA,	CLAYTONIA.	5.1.					
virginica.	Virginian	st.	April	S.P.	1.	N. Am.	
CLEMATIS,	VIRGIN'S BOWER.	13.7.					
alpina.	Alpine	w.	July	P.L.	6.	Siberia.	
angustifolia.	Narrow-leaved	—	Aug:	—	4.	Austria.	
crispa.	Crisp-flowered	f.	—	—	3.	N. Am.	
cylindrica.	Large Blue	b.	—	—	—	—	
integrifolia.	Entire-leaved	—	June	—	2.	Hungary	
ochroleuca.	Yellow-flower	l.y.	—	—	—	—	
recta.	Upright	w.	—	—	3.	Austria.	
viorna.	Leathery-flowered	l.y.	Aug:	—	6.	N. Am.	
— purpurea.	Purple	p.	—	—	—	—	
CNICUS,	CNICUS.	19.1.					
canus.	Hoary	p.	July	P.L.	4.	Austria.	
carniolicus.	Carniolian	l.p.	—	—	2.	—	
caucasicus.	Caucasian	p.	—	—	—	Caucasus.	
centauroides.	Artichoke-leaved	—	—	—	3.	Pyranees.	
cernuus.	Nodding	l.y.	—	—	6.	Siberia.	
ciliatus.	Fringed	r.	Aug:	—	—	—	
heterophyllus.	Melancholy	p.	July	—	2.	Britain.	
mons-pesulanus.	Montpellier	—	June	—	—	Switz.	
oleraceus.	Eatable	l.y.	July	—	6.	N. Eu.	
tartaricus.	Tartarian	w.	—	—	2.	Siberia.	
spinosimus.	Feathery-headed	l.y.	—	—	1½.	Austria.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
COCHLEARIA,	SCURVY-GRASS.	13. 1.					
<i>saxatilis.</i>	Rock		w.	June	S.L.	1.	Alps.
COLLINSONIA,	COLLINSONIA.	2. 1.					
<i>anisata.</i>	Anise-scented		br.	Oct.	P.L.	3.	Carolina.
<i>canadensis.</i>	Canada		lb.	Aug.	—	—	N. Am.
CONVALLARIA,	LILY of the VALLEY, 6. 1.						
<i>bifolia.</i>	Smallest		w.	May	S.L.	1.	Britania.
<i>latifolia.</i>	Broad-leaved		—	June	—	1.	N. Am.
<i>majalis.</i>	Common		—	May	—	1.	Britain.
— pleno.	— Double		—	—	—	—	—
— flo. rub.	— Red flowered		f.	—	—	—	—
<i>multiflora.</i>	Solomon's Seal.		ly.	June	—	2.	—
<i>polygonatum.</i>	Angular-stalked		g.y.	—	—	—	—
— flo. pleno.	— Double		—	—	—	—	—
<i>racemosa,</i>	Cluster-flowered		w.	May	—	1.	N. Am.
<i>stellata.</i>	Star-flowered		—	—	—	—	Virginia.
<i>verticillata.</i>	Whorled		—	—	—	—	—
CONVOLVULUS,	BIND WEED.	5. 1.					
* <i>althaeoides.</i>	Althæa-leaved		f.	July	S.L. Tr.	—	S. Eu.
<i>arvensis.</i>	Small-field		st.	June	Com: Tr.	—	Britain.
* <i>cantabrica.</i>	Flax-weed		f.	July	S.L.	—	S. Eu.
* <i>lineatus.</i>	Dwarf		st.	—	—	—	—
* <i>Scammonia.</i>	Scammony.		ly.	—	—	—	Levant.
<i>sepium.</i>	Great Hedge		w.	June	—	—	Britain.
* <i>Soldanella.</i>	Sea		r.	July	—	—	—
CONYZA,	FLEA BANE.	19. 2.					
<i>asteroides.</i>	Star-wort		lb.	Aug.	P.L.	1.	N. Am.
<i>bifrons.</i>	Oval-leaved		y.	July	—	—	Canada.
<i>linifolia.</i>	Flax-leaved		w.	Aug.	—	1½.	N. Am.
COREOPSIS,	COREOPSIS.	19. 3.					
<i>alternifolia.</i>	Alternate-leaved		y.	Sept.	P.L.	6.	N. Am.
<i>amplexicaulis.</i>	Stem-clasping		—	—	—	4.	—
<i>angustifolia.</i>	Narrow-leaved		—	June	—	2.	—
<i>aurea.</i>	Golden		—	Aug.	—	3.	—
<i>auriculata.</i>	Ear-leaved		—	Sept.	—	6.	Carolina.
<i>crassifolia.</i>	Thick-leaved		—	—	—	3.	—
<i>minima.</i>	Smallest		—	Aug.	—	1.	N. Am.
<i>procera.</i>	Tall		—	—	—	8.	—
<i>tripteris.</i>	Three-leaved		—	—	—	6.	—
<i>verticillata.</i>	Whorled		—	—	—	8.	—
CORNUS,	DOGWOOD.	4. 1.					
<i>suecica.</i>	Herbaceous		w.	June	S.P.	1.	Britain.
CORONILLA,	CORONILLA.	17. 4.					
<i>coronata.</i>	Coronet		y.	July	Com:	2.	S. Eu.
<i>minima.</i>	Smallest		—	—	—	1.	—
<i>varia.</i>	Purple		p.	June	—	4.	—
— flo. albo.	— White-flowered		w.	—	—	—	—
— flo. chæco.	— Pink-flowered		f.	—	—	—	—
CORTUSA,	SANICLE.	5. 1.					
* <i>Mathioli.</i>	Bear's-Ear		r.	April	S.L.	3.	Austria.
COTYLEDON,	NAVELWORT.	10. 3.					
<i>lutea.</i>	Great Yellow		y.	June	—	—	Britain.
<i>umbilicus.</i>	Common		g y.	—	—	—	—

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
CRANEE, maritima.	SEA-KALE. Common	15. 2.		w. May	R.M.	1.	Britain.
CREPIS, albida.	HAWKWEED. Pale-flowered	19. 1.		l.y. July	Com:	2.	Italy.
rigida.	Rigid			y. June	—	1.	Hungary.
sibirica.	Siberian			— July	—	2.	Siberia.
CUCUBALUS, behen.	CAMPION. Bladder	10. 3.		w. May	Com:	2.	Britain.
otites.	Spanish			l.y. July	—	—	—
stellatus.	Four-leaved			w. —	—	1.	N. Am.
CYNANCHUM, acutum.	CYNANCHUM. Acute-leaved	5. 2.		w. June	Com:	6.	Spain.
monseliacum.	Montpellier			st. July	—	—	S. Eu.
CYNOGLOSSUM, opthaloides.	HOUND'S TONGUE. Comfrey-leaved	5. 1.		b. April	P.L.	1.	S. Eu.
* pictum.	Painted			l.b. July	—	1.	Barbary.
CYPREPEDIUM, acaule.	LADIES SLIPPER Two-leaved	20. 1.		r.w. May	S.P.	1.	N. Am.
album.	White-flowered			w. June	—	1.	—
calceolus.	Yellow-flowered			y. —	—	1.	Britain.
— fol: glabris.	— Smooth-leaved			— July	—	—	N. Am.
canadense.	Canada			r.w. —	—	1.	Canada.
DATISCA, cannabina.	BASTARD HEMB. Common	22. 10.		y. June	Com:	4.	Candia.
DELPHINUM, elatum.	LARKSPUR. Bee	13. 2.		b. July	P.L.	6.	Siberia.
— azurearū.	— Azure-blue			l.b. —	—	6.	—
— flo: pleno.	— Dble: azure-blue			— —	—	—	—
exaltatum.	American			b. —	—	3.	N. Am.
* grandiflorum.	Large-flowered			d.b. —	—	1½.	Siberia.
— flo: pleno.	— Double			— —	—	2.	—
intermedium.	Tallest			b. —	—	8.	—
puniceum.	Red-flowered			r. July	—	4.	—
urceolatum.	Hollow-leaved			b. —	—	2.	N. Am.
DENTARIA, bulbifera.	TOOTH-WORT. Bulbiferous.	15. 2.		f. April	S.L.	1.	Britain.
pentaphylla.	Five-leaved			— May	—	1½.	Switz.
pinnata.	Seven-leaved			— —	—	—	Fract.
DIANTHUS, alpinus.	PINK. Alpine	12. 2.		r. June	S.L.	1.	Alps.
barbatus.	Sweet William.			var. —	R.M.	1½.	Germany.
— atro-rubens.	— Dark-red			d.r. —	—	—	—
Caryophyllus.	Clove Carnation.			— July	—	2.	—
* — flor: variegatis	— Varieg: flowers			var. —	—	—	—
	[of these there are 40 fine sorts, with named flowers.]						
carthusianorum.	Carthusian			r. Aug:	S.L.	2.	Germany.
cæsius rub;	Mountain-red			— June	—	1.	Britain.
— flo: alb:	— White			w. —	—	—	—
collinus.	Hill			— July	—	1.	Hungary
deltoides.	Maiden			w.r. June	—	—	Britain.

HERBACEOUS PLANTS.—First Division, Sec. 3.

23

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
DIANTHUS,	PINK.	12. 2.					
glauucus.	Glaucous	r.	June	S.L.	1.	Alps.	
hortensis.	Garden or Cultivated	var.	—	R.M.	1.	Europe.	
	[of this species there are 60 varieties, double, with named flowers.]						
• hybridus.	Mule Pink.	r.	July	—	1.	Britain.	
hyssopifolius.	Hyssop-leaved	—	—	S.L.	1.	Siberia.	
plumarius.	Feathered	w.p.	June	—	—	S. Eu.	
superbus.	Fringed	w.	July	—	2.	France.	
— flo: rub:	— Red	r.	—	—	—	—	
virginicus.	Upright	w.	June	—	1.	Alps.	
DICTAMNUS,	FRAXINELLA.	10. 1.					
albus.	White	w.	July	P.L.	3.	S. Eu.	
— flo: rubro.	— Red	r.	—	—	—	—	
DIOSCORIA,	DIOSCORIA.	22. 6.					
verticillata.	Whorled	r.	Aug:	S.P.	3.	N. Am.	
• villosa.	Hairy	—	—	—	—	—	
DODARTIA,	DODARTIA.	14. 2.					
orientalis.	Oriental	p.	July	S.P.	1½.	Asia.	
DOYCATHEON,	VIRGINIAN COWSLIP.	5. 1.					
Meadia.	Mead's	f.	May	P.L.	1.	N. Am.	
DORONICUM,	LEOPARD'S-BANE.	19. 2.					
altaicum.	Siberian	w.	July	S.L.	1.	Siberia.	
bellidiastrum.	Daisy-leaved	—	June	R.L.	—	Alps.	
Pardalianches.	Great	y.	May	Com:	3.	Britain.	
plantagineum.	Plantain-leaved	—	—	—	2.	Spain.	
DORYCNium,	DORYCNium.	17. 4.					
herbaceum.	Herbaceous	w.	June	Com:	2.	S. France.	
DRAHA,	WHITLOW GRASS.	15. 1.					
azoides.	Hairy	y.	May	S.L.	1.	Alps.	
ciliaris.	Ciliated	w.	—	—	—	S. France.	
stellata.	Starred	—	—	—	—	Scotland.	
DRACENA,	DRACENA.	6. 1.					
borealis.	Oval-leaved	l.y.	June	P.L.	1.	Canada.	
DRACOCEPHALUM,	DRAGON'S-HEAD.	14. 1.					
austriacum.	Austrian	b.	June	P.L.	1.	Austria.	
denticulatum.	Tooth-leaved	d.	Aug:	—	—	N. Am.	
grandiflorum.	Great-flowered	b.	July	—	—	Siberia.	
peregrinum.	Prickly-leaved	p.	—	—	1.	—	
ruyschiana.	Hyssop-leaved	b.	June	—	2.	Switz.	
sibiricum.	Siberian	l.b.	—	—	1.	Siberia.	
virginianum.	Virginian	—	Sept:	—	3.	N. Am.	
DRYAS,	DRYAS.	12. 5.					
octopetala.	Mountain	w.	July	S.P.	1.	Alps.	
ECHINOPS,	GLOBE THISTLE.	19. 5.					
ritro.	Small	b.	July	Com:	3.	France.	
sphaerocephalus.	Great	l.b.	—	—	5.	Italy.	
ECHium,	VIPER'S-BUGLOS.	5. 1.					
rubrum.	Hungarian	r.	June	Com:	1.	Hungary.	
ERIOBIDium,	WILLOW-HERB.	8. 1.					
alpinum.	Alpine	r.	July	S.L.	1.	Alps.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
EPILOBIUM,	WILLOW-HERB.	8. 1.					
angustifolium.	French Willow.	p.	Aug.	M.S.	4.	Britain.	
— flo: albo.	— White	w.	—	—	—	—	
angustissimum.	Linear-leaved	r.	—	—	2.	France.	
hirsutum.	Large-flowered	r.	July	Com:	4.	Europe.	
latifolium.	Broad-leaved	—	—	—	4.	Siberia.	
montanum.	Mountain	—	—	—	2.	Britain.	
EPIMEDIUM,	BARREN-WORT.	4. 1.					
alpinum.	Alpine	r.	May	P.L.	$\frac{1}{4}$.	Alps.	
ERIGERON,	ERIGERON.	19. 2.					
alpinum.	Alpine	b.	July	Com:	1.	Switz.	
canadense.	Canadian	st.	Aug:	—	4.	Canada.	
* carolineanum.	Carolina	y.	—	S.P.	3.	Carolina.	
philadelphicum.	Spreading	—	July	Com:	—	N. Am.	
purpureum.	Purple	p.	—	—	1.	—	
tuberosum.	Tuberous-rooted	y.	—	—	$\frac{1}{4}$.	S. France.	
uniflorum.	Dwarf	w.	Aug:	S.L.	$\frac{1}{4}$.	Alps.	
ERINUS,	ERINUS.	14. 2.					
alpinus.	Alpine	r.	May	S.L.	$\frac{1}{4}$.	Switz.	
ERYNGIUM,	ERINGO.	5. 2.					
alpinum.	Alpine	b.	July	S.L.	2.	Switz.	
amethystinum.	Amethystine	l.b.	—	—	3.	Syria.	
Bourgati.	White-spiked	w.	—	—	2.	S. France.	
campestre.	Common	—	—	—	—	Britain.	
maritimum.	Sea	l.b.	Aug:	—	1 $\frac{1}{2}$.	—	
planum.	Flat-leaved	—	—	—	3.	Europe.	
ERYSIMUM,	WINTER-CRESS.	15. 2.					
barbarea.	Yellow Rocket.	y.	June	Com:	1 $\frac{1}{2}$.	Britain.	
— flo: pleno.	— Double	—	—	—	—	—	
EUPATORIUM,	HEMP AGRIMONY.	19. 1.					
ageratoides.	Nettle-leaved	w.	Aug:	P.L.	4.	Canada.	
altissimum.	Tall	—	July	Com:	5.	N. Am.	
aromaticum.	Aromatic	—	Sept:	—	4.	—	
cælestinum.	Blue	l.b.	—	—	2.	—	
cannabium.	Common	f.	July	—	4.	Europe.	
hyssopifolium.	Hyssop-leaved	w.	Aug:	—	3.	N. Am.	
maculatum.	Spotted	p.	—	—	—	—	
perfoliatum.	Perfoliate	w.	July	—	2.	—	
purpureum.	Purple	p.	—	—	5.	—	
rotundifolium.	Round-leaved	w.	Aug:	—	1.	—	
sessilifolium.	Sessile-leaved	—	Sept:	—	—	—	
trifoliatum.	Three-leaved	p.	—	—	6.	—	
EUPHORBIA,	SPURGE.	11. 3.					
emarginata.	Freckled	l.y.	Sept:	Com:	2.	Europe.	
* Cyparissias.	Cypress	y.	June	—	—	S. Eu.	
* mysinites.	Glaucous	g.	May	S.L.	1.	S. France.	
palustris.	Marsh	—	July	—	4.	Sweden.	
verrucosa.	Warted	—	June	—	1.	—	
FERULA,	GIANT FENNEL.	5. 1.					
* Asafetida.	Asafetida.	y.	June	P.L.	3.	Persia.	
communis.	Common	—	July	S.L.	8.	S. France.	
glauca.	Glaucous	—	—	—	4.	Italy.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
FERULA , nodiflora. orientalis.	GIANT FENNEL.	5. 1.					
	Knotted		y.	July	S.L.	3.	Austria.
	Narrow-leaved		—	June	S.P.	—	Levant.
FRAGARIA , indica.	STRAWBERRY.	12. 5.					
fr. vesca.	Yellow-flowered		y.	June	S.P.	1.	Asia.
— fol. var:	Common		w.	May	S.L.	1.	N. Am.
— monophylla.	— Striped-leaved		—	—	—	—	—
	— One-leaved		—	—	—	—	—
FRANKENIA , hirsuta. laevis.	SEA HEATH.	6. 1.					
	Hairy		l.b.	July	S.L.	½.	S. France.
	Smooth		p.	—	—	—	Britain.
FUMARIA , formosa. nobilis. spectabilis.	FUMATORY.	17. 2.					
	Bush-flowered		f.	May	P.L.	1.	N. Am.
	Great-flowered		l.y.	June	—	—	Siberia.
	Largest		f.	—	—	2.	—
GALAX , cordifolia.	GALAX.	5. 1.					
	Heart-leaved		w.	July	S.P.	½.	N. Am.
GALEGA , officinalis. — flo. alb: orientalis. virginiana.	GOAT'S-REE.	17. 4.					
	Officinal		p.	June	Com:	4.	Italy.
	— White-flowered		w.	—	—	—	—
	Oriental		—	July	P.L.	—	Levant.
	Virginian		—	—	S.P.	—	N. Am.
GALEOBDOLEA , luteum.	YELLOW-DEADNETTLE.	14. 1.					
	Common		y.	June	Com:	1.	Britain.
GALIUM , boreale. cruciatum. glaucum. rubroides. vernum.	LADIES-BEDSTRAW.	4. 1.					
	Cross-leaved		w.	July	Com:	1½.	Sweden.
	Cross-wort		y.	May	—	1.	Britain.
	Glaucous		w.	June	—	—	S. Eu.
	Madder-leaved		—	July	—	—	Siberia.
	Yellow		y.	—	—	2.	Britain.
GENTIANA , acaulis. * adscendens. asclepiadia. bavarica. Catesbaei. * ciliata. cruciata. — macrophylla. fulva. lutea. pneumonanthe. punctata. purpurea. saponaria. semptemfida. verna.	GENTIAN.	5. 2.					
	Dwarf		d.p.	May	P.L.	½.	Alps.
	Porcelain-flowered		b.	June	—	½.	Siberia.
	Swallow-wort		—	Aug:	—	1.	Austria.
	Bavarian		—	—	—	—	Bavaria.
	Catesby's		l.b.	Oct:	—	1½.	N. Am.
	Fringed		—	Sept:	—	½.	Switz.
	Cross-wort		d.b.	July	—	1.	—
	— Large-leaved		—	—	—	—	—
	Straw-colored		l.y.	—	—	2.	Alps.
	Yellow		y.	—	—	4.	—
	Calathian Violet.		l.b.	Sept:	—	½.	Britain.
	Dotted-flowered		d.b.	July	—	3.	Alps.
	Purple		b.	—	—	—	—
	Soap-wort		l.b.	Oct:	—	2.	N. Am.
	Creased		—	July	—	½.	Levant.
	Spring		—	May	—	½.	Britain.
GERANIUM , * acaule. aconitifolium. angulatum. argenteum.	GERANIUM.	16. 4.					
	Dwarf		w.	June	S.L.	1.	Mimorca.
	Aconite-leaved		b.	—	—	1.	Switz.
	Angular-stalked		—	—	—	—	Italy.
	Silvery-leaved		st.	July	—	½.	Alps.

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
GERANIUM,	GERANIUM.	16.1.					
ibericum.	Iberian	b.	July	S.L.	1½.	Levant.	
lividum.	Wrinkled	br.	—	—	1.	Switz.	
maculatum.	Spotted	p.	—	P.L.	1.	N. Am.	
macrorhizum.	Large-rooted	—	—	S.L.	1.	Britain.	
palustre.	Marsh	—	—	—	—	Germany.	
pratense.	Crowfoot-leaved	st.	June	—	1½.	Europe.	
phaeum.	Dusky	p.	—	—	1.	Britain.	
pyrenaicum.	Mountain	b.	—	—	—	—	
reflexum.	Reflex-flowered	—	July	—	—	Italy.	
sanguineum.	Bloody	r.	—	—	1.	Britain.	
— lancastrense.	— Lancashire	st.	—	—	—	—	
sibiricum.	Siberian	b.	June	—	4.	Siberia.	
striatum.	Striped-flowered	st.	—	—	—	Italy.	
sylvaticum.	Wood	b.	July	—	1½.	Britain.	
— flo: pleno.	— Double-Wood	—	—	—	—	Scotland.	
GEUM,	AVENS.	12.5.					
montanum.	Mountain	y.	May	Com:	1.	Alps.	
— minus.	— Smaller	—	—	—	1.	—	
potentilloides.	Siberian	o.	June	P.L.	1.	Siberia.	
repans.	Creeping	y.	—	—	—	Switz.	
rivale.	Water	p.	May	—	1.	Europe.	
strictum.	Upright	st.	—	—	—	N. Am.	
urbanum.	Herb-Bennet.	y.	June	—	1½.	Britain.	
virginianum.	American	w.	—	—	—	N. Am.	
GLAUX,	BLACK-SALT-WQRT.	5.1.					
maritima.	Sea	y.	June	S.L.	1.	Britain.	
GLOBULARIA,	GLOBULARIA.	4.1.					
nudicaulis.	Naked-stalked	b.	July	P.L.	1.	Alps.	
vulgaris.	Common	—	June	—	—	Europe.	
GLYCINE,	GLYCINE.	17.4.					
apios.	Tuberous-rooted	r.	Aug:	S.P.	6.	Virginia.	
monoica.	Pale-flowered	f.	Sept:	—	4.	N. Am.	
GLYCYRRHIZA,	LIQUORICE.	17.4.					
asperima.	Rough	l.b.	Aug:	S.P.	2.	Russia.	
eclinata.	Prickly-headed	—	July	—	4.	Italy.	
glabra.	Smooth or Common	—	—	R.M.	—	S. Eu.	
GNAPHALIUM,	EVERLASTING.	19.2.					
alpinum.	Alpine	st.	July	P.L.	1.	Alps.	
dioicum.	Cat's-foot	—	—	—	—	Britain.	
Leontopodium.	Lion's-foot	y.	June	—	1.	Switz.	
margaritaceum.	American	w.	Aug:	—	1.	America.	
* olympicum.	Olympian	y.	May	—	—	Greece.	
plataginum.	Maintain-leaved	w.	—	—	—	N. Am.	
GRATIOLA,	HEDGE-HYSSOP.	2.1.					
officinalis.	Officinal	l.b.	July	Com:	1.	S. Eu.	
virginica.	Virginian	w.	Aug:	—	—	N. Am.	
GUNDELIA,	GUNDELIA.	19.5.					
* Tournefortii.	Tournefort's	l.g.	June	S.P.	1½.	Levant.	
GUNNERA,	GUNNERA.	21.1.					
* perperna.	Caltha-leaved	y.	July	P.L.	2.	C. G. H.	

HERBACEOUS PLANTS.—First Division, Sec. 5.

81

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
GYPHOPHILA,	GYPHOPHILA.	10. 2.					
altissima.	Tallest	st.	Aug:	P.L.	1½.		Siberia.
paniculata.	Paniculated	w.	July	—	1.		—
perfoliata.	Perfoliate	f.	Aug:	—	2.		Levant.
prostrata.	Trailing	w.	—	—	1.		Siberia.
repens.	Creeping	st.	—	—	1.		—
saxifraga.	Small	—	July	—	½.		Austria.
HEDYSARUM,	HEDYSARUM.	17. 4.					
alpinum.	Alpine	y.	June	S.L.	4.		Switz.
canadense.	Canadian	p.	Aug:	P.L.	6.		N. Am.
obscurum.	Creeping	—	July	—	½.		Alps.
oxybrychis.	Saintfoin	r.	June	S.L.	1.		France.
saxatile.	Rock	ly.	July	—	—		S. Eu.
violaceum.	Violet	lb.	Aug:	—	2.		N. Am.
HELENIUM,	HELENIUM.	19. 2.					
autumnale.	Smooth	y.	Sept:	P.L.	4.		N. Am.
pubescens.	Downy	—	—	—	—		—
HELIANTHUS,	SUNFLOWER.	19. 2.					
altissimus.	Tallest	y.	Aug:	Com:	2.		N. Am.
atro-rubens.	Dark Red	br.	—	P.L.	3.		—
decapetalus.	Ten-petalled	y.	Sept:	—	4.		Canada.
divaricatus.	Rough-leaved	—	—	—	3.		N. Am.
giganteus.	Giant	—	—	Com:	8.		—
multiflorus.	Many-flowered	—	Oct:	—	6.		—
— flo: pleno.	— Double	—	—	—	—		—
pubescens.	Downy	—	July	—	4.		—
strumosus.	Carrot-rooted	—	—	P.L.	3.		—
tuberosus.	Jerusalem Artichoke.	—	Sept:	Com:	—		Brazil.
HELEBOUS,	HELEBORE.	13. 7.					
foetidus.	Bear's-foot	y.	April	Com:	1½.		Britain.
hyemalis.	Winter-aconite.	y.	Feb:	—	½.		Italy.
lividus.	Great Three-leaved	y.	April	P.L.	1.		Britain.
niger.	Black	w.	Feb:	R.M.	1½.		Italy.
trifolius.	Small-leaved	br.	June	P.L.	1.		N. Am.
viridis.	Green-flowered	y.	Mar:	Com:	1½.		Britain.
HELONIAS,	HELONIAS.	6. 3.					
Asphodeloides.	Grass-leaved	w.	June	S.P.	1.		N. Am.
bullata.	Spear-leaved	p.	May	—	—		—
* beta.	Channel-leaved	w.	June	—	½.		—
* lutea.	Spike-flowering	y.	—	—	2.		—
HEMEROCALLIS,	DAY LILY.	6. 4.					
corulea.	Blue	b.	July	P.L.	1½.		Japan.
flava.	Yellow	y.	June	S.L.	2.		Siberia.
— flo: pleno.	— Double-Yellow	—	—	—	—		—
fulva.	Copper-colored	e.	—	—	4.		Levant.
— flo: pleno.	— Double	—	—	—	—		—
graminea.	Grass-leaved	ly.	—	—	1.		Siberia.
* japonica.	White	w.	Aug:	P.L.	1.		Japan.
HERACLEUM,	COW PARSNIP.	5. 2.					
angustifolium.	Narrow-leaved	ly.	June	Com:	4.		Britain.
austriacum.	Austrian	st.	—	—	2.		Austria.
sibiricum.	Siberian	y.	—	—	—		Siberia.

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
HERNIARIA,	RUPTURE-WORT.	5. 2.					
<i>glabra.</i>	Smooth		<i>g.</i>	July	Com:	1.	<i>Britain.</i>
<i>hirsuta.</i>	Hairy						
HESPERIS,	ROCKET.	15. 2.					
<i>matronalis.</i>	Single		<i>p.</i>	June	P.L.	4.	<i>Britain.</i>
— flo: pl: purp:	— Double Purple				S.L.	2.	
— flo: pl: alb:	— Double White		<i>w.</i>				
HEUCHERA,	HEUCHERA.	5. 2.					
<i>americana.</i>	American Sanicle		<i>br.</i>	June	S.L.	1.	<i>N. Am.</i>
HIERACIUM,	HAWKWEED.	19. 1.					
<i>aureum.</i>	Golden		<i>d.g.</i>	May	P.L.	1.	<i>Switz.</i>
<i>aurantiacum.</i>	Orange		<i>g.</i>	June	—	1½.	<i>Austria.</i>
<i>lyratum.</i>	Siberian		<i>g.</i>	July	Com:	2.	<i>Siberia.</i>
<i>porrifolium.</i>	Leek-leaved						<i>Italy.</i>
<i>sabaudum.</i>	Shrubby			Aug:	—	3.	<i>Savoy.</i>
<i>umbellatum.</i>	Umbellated						<i>Europe.</i>
HIPPOCREPIS,	HORSE-SHOE VETCH.	17. 4.					
<i>comosa.</i>	Tufted		<i>y.</i>	June	S.L.	1.	<i>Britain.</i>
HOUSTONIA,	HOUSTONIA.	4. 1.					
<i>cœrulea.</i>	Blue-flowered		<i>l.b.</i>	June	S.P.	1.	<i>Virginia.</i>
HUMULUS,	HOPS.	22. 5.					
<i>lupulus.</i>	Common		<i>g.</i>	June	R.M.	15.	<i>Europe.</i>
HYDRASTIS,	HYDRASTIS.	13. 7.					
<i>canadensis.</i>	Canadian		<i>g.</i>	June	M.L.	1.	<i>Canada.</i>
HYDROPHYLLUM,	WATER LEAF.	5. 1.					
<i>canadense.</i>	Canadian		<i>w.</i>	May	M.S.	—	<i>N. Am.</i>
<i>virginicum.</i>	Virginian			June	—	—	<i>Virginia.</i>
HYOSCYAMUS,	HENBANE.	5. 1.					
<i>physaloides.</i>	Purple-flowered		<i>p.</i>	April	P.L.	1.	<i>Siberia.</i>
<i>Scopolia.</i>	Nightshade-leaved		<i>d.p.</i>	May	—	2.	<i>Carniola.</i>
HYOSERIS,	HYOSERIS.	19. 1.					
<i>fetida.</i>	Stinking		<i>y.</i>	July	Com:	1.	<i>S. Eu.</i>
<i>lucida.</i>	Shining					1.	<i>Levant.</i>
<i>radiata.</i>	Starry						<i>S. Eu.</i>
HYPERICUM,	ST. JOHN'S WORT.	18. 4.					
<i>canadense.</i>	Canada				P.L.	1.	<i>N. Am.</i>
<i>dubium.</i>	Imperforate					3.	<i>Britain.</i>
<i>hirsutum.</i>	Hairy			June	—	2.	
<i>laevigatum.</i>	Smooth			July	—	1½.	<i>N. Am.</i>
<i>montanum.</i>	Mountain						<i>Britain.</i>
<i>perforatum.</i>	Perforated						
<i>pulehrum.</i>	Small Upright					1½.	
<i>pyramidatum.</i>	Pyramidal					1.	<i>Canada.</i>
<i>quadrangulare.</i>	Square-stalked					1½.	<i>Britain.</i>
<i>undulatum.</i>	Wave-leaved					1.	<i>Portugal.</i>
HYPOCHÆRIS,	HYPOCHÆRIS.	19. 1.					
<i>helvetica.</i>	One-flowered		<i>y.</i>	June	S.L.	1.	<i>Switz.</i>
<i>maculata.</i>	Spotted					1.	<i>Britain.</i>
<i>radicata.</i>	Long-rooted					1½.	
HYPOXIS,	HYPOXIS.	6. 1.					
<i>erecta.</i>	upright		<i>y.</i>	June	P.L.	1.	<i>N. Am.</i>

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
HYSSOPUS,	HYSSOP.	14. 1.					
<i>Lophanthus.</i>	Mint-leaved		<i>l.b.</i>	Aug:	P.L.	2.	<i>Siberia.</i>
<i>nepetoides.</i>	Square-stalked		<i>p.</i>	Sept:	—	3.	<i>N. Am.</i>
<i>officinalis.</i>	Common		<i>b.</i>	July	Com:	2.	<i>S. Eu.</i>
ILLICEBRUM,	ILLICEBRUM.	5. 1.					
<i>capitatum.</i>	Spanish		<i>w.</i>	June	P.L.	1.	<i>Spain.</i>
<i>paronychia.</i>	Mountain		—	July	—	—	<i>S. Eu.</i>
<i>verticillatum.</i>	Whorled		—	—	—	1.	<i>Britain.</i>
IMPERATORIA,	MASTER-WORT.	5. 2.					
<i>Ostruthium.</i>	Common		<i>w.</i>	June	Com:	2.	<i>Scotland.</i>
INULA,	INULA.	19. 2.					
<i>Bubonium.</i>	Austrian		<i>y.</i>	July	Com:	1½.	<i>Austria.</i>
<i>crithmifolia.</i>	Samphire-leaved		—	—	—	2.	<i>Britain.</i>
<i>ensifolia.</i>	Sword-leaved		—	—	—	1.	<i>Austria.</i>
<i>germanica.</i>	German		—	June	—	4.	<i>Saxony.</i>
<i>Helenium.</i>	Elecampane		<i>y.</i>	July	—	—	<i>Britain.</i>
<i>hirta.</i>	Hairy		—	June	—	1.	<i>Siberia.</i>
<i>mariana.</i>	American		—	July	—	—	<i>N. Am.</i>
<i>montana.</i>	Mountain		—	—	—	1½.	<i>S. Eu.</i>
<i>Oculus Christi.</i>	Hoary		—	Aug:	—	—	<i>Austria.</i>
<i>provincialis.</i>	Oval-leaved		—	—	—	1.	<i>S. France.</i>
<i>salicifolia.</i>	Willow-leaved		—	—	—	2.	<i>N. Eu.</i>
<i>squarrosa.</i>	Nettled-leaved		<i>l.y.</i>	—	—	1.	<i>S. Eu.</i>
<i>suaveolens.</i>	Woolly-leaved		<i>y.</i>	July	—	1½.	—
IRIS,	IRIS.	3. 1.					
<i>aphylla.</i>	Naked-stalked		<i>st.</i>	June	Com:	2.	<i>Spain.</i>
<i>bifloras.</i>	Twice-flowering		<i>d.p.</i>	May	—	1.	—
<i>cristata.</i>	Crested		<i>st.</i>	—	P.L.	1.	<i>N. Eu.</i>
<i>dichotoma.</i>	Forked		<i>l.p.</i>	Aug:	—	—	<i>Siberia.</i>
<i>flexuosa.</i>	Zig-zaged		<i>w.</i>	June	—	1.	—
<i>florentina.</i>	Florentine		—	May	—	2.	<i>S. Am.</i>
<i>fœtidissima.</i>	Stinking		<i>st.</i>	June	—	1½.	<i>Britain.</i>
— fol: varig:	— Striped-lvd:		—	—	—	—	—
<i>fulva.</i>	Orange-coloured		<i>o.</i>	July	P.L.	2.	<i>N. Am.</i>
<i>germanica.</i>	German		<i>b.</i>	June	Com:	3.	<i>Germany.</i>
<i>graminea.</i>	Grass-leaved		<i>st.</i>	July	—	1.	<i>Austria.</i>
<i>halophylla.</i>	Long-leaved		<i>b.</i>	—	—	3.	<i>Siberia.</i>
<i>livida.</i>	Dingy		<i>d.p.</i>	June	—	3.	<i>S. Eu.</i>
<i>lusitanica.</i>	Portugal		<i>b.</i>	May	—	2.	<i>Portugal.</i>
<i>ochroleuca.</i>	Pale-yellow		<i>l.y.</i>	July	—	4.	<i>Levant.</i>
<i>pallida.</i>	Pale		—	June	—	1½.	<i>Turkey.</i>
<i>pensylvanica.</i>	Pennsylvanian		<i>b.</i>	—	—	2.	<i>N. Am.</i>
<i>prismatica.</i>	Prismatic		<i>st.</i>	May	P.L.	1.	—
<i>pumila.</i>	Dwarf		<i>p.</i>	—	—	1.	<i>Austria.</i>
— <i>alba.</i>	— White		<i>w.</i>	—	—	—	—
— <i>variegata.</i>	— Variegated		<i>st.</i>	—	—	—	—
<i>sambucina.</i>	Elder-scented		<i>l.b.</i>	June	Com:	4.	<i>S. Eu.</i>
<i>sanguinea.</i>	Bloody		<i>b.</i>	May	—	1.	<i>Siberia.</i>
<i>sibirica.</i>	Siberian		<i>l.b.</i>	—	—	2.	—
<i>spuria.</i>	Spurious		<i>st.</i>	July	—	1½.	<i>Germany.</i>
<i>squalens.</i>	Brown-flowered		—	June	—	2.	<i>S. Eu.</i>
<i>susiana.</i>	Chalcedonian		—	—	S.L.	—	<i>Persia.</i>

			Cl.	Or.	Color.	Flow.	Soil.	Hgt.	Country.
IRIS,	IRIS,								
temuifolia.	Slender-leaved	13. 7.	l.b.	May	Comp.	2.			Dacia.
tuberosa.	Tuberous-rooted		g.b.	—	S.P.	3.			Levant.
variegata.	Variegated		st.	June	S.L.	—			Hungary
versicolor.	Various-coloured			—	—	1.			N. Am.
virginica.	Virginian		b.	—	—	—			—
ISOPYRUM.	ISOPYRUM.								
thalictroides.	Meadow-rue	13. 7.	w.	May	S.L.	3.			Italy.
KITAIBERIA,	KITAIBERIA.								
vitifolia.	Vine-leaved	16. 6.	w.	July	P.L.	5.			Hungary
LACTUCA,	LETTUCE.								
perennis.	Perennial	19. 1.	l.b.	June	Comp.	2.			Europe.
LAMIUM,	ARCHANGEL.								
lævigatum.	Smooth	14. 1.	p.	May	Com.	1.			Italy.
molle.	Soft-leaved		w.	—	—	—			Britain.
orvale.	Balm-leaved		d.g.	—	—	13.			Italy.
rugosum.	Wrinkled		r.	—	—	1.			—
LASERPETIUM,	LASER-WORT.								
aquilegifolium.	Columbine-leaved	5. 2.	w.	June	Com.	3.			Austria.
angustifolium.	Narrow-leaved		w.	July	—	2.			S. Eu.
gallicum.	French		g.	June	—	3.			—
latifolium.	Broad-leaved		w.	July	—	3.			Europe.
Siler.	Mountain		—	May	—	4.			Austria.
trifolium.	Three-lobed		—	June	—	3.			Levant.
LATHYRUS.	LATHYRUS.								
heterophyllus.	Various-leaved	17. 4.	f.	Aug.	Com.	4.			S. Eu.
latifolius.	Everlasting Pea		p.	—	—	6.			Europe.
palustris.	Marsh		p.w.	July	—	4.			Britain.
pisiforbis.	Siberian		w.t.	June	—	3.			Siberia.
sylvestris.	Narrow-leaved		p.	Aug.	—	—			Europe.
tuberosus.	Tuberous-rooted		r.	July	—	2.			—
LAVATERA,	LAVATERA.								
thuringiaca.	Great-flowered	16. 6.	l.b.	Aug.	Com.	4.			Germany
LEONTICE,	LEONTICE.								
thalictroides.	Columbine-leaved	6. 1.	w.	May	S.P.	4.			N. Am.
LEONURUS,	MOTHER-WORT.								
cardiaca.	Common	14. 1.	p.	July	Com.	3.			Britain.
crispus.	Curled-leaved		w.	Aug.	—	2.			Siberia.
LEPIDIUM,	PEPPER-WORT.								
alpinum.	Alpine	15. 1.	w.	May	S.L.	1.			Alps.
graminifolium.	Grass-leaved		w.	July	Com.	2.			S. Eu.
latifolium.	Broad-leaved		w.	June	—	2.			Europe.
LIATRIS,	LIATRIS.								
elegans.	Hairy-cupt	19. 1.	p.	Sept.	P.L.	4.			N. Am.
heterophylla.	Various-leaved		—	—	—	3.			—
pilosa.	Hairy-leaved		—	—	—	—			—
pumila.	Dwarf		—	—	—	1.			—
scariosa.	Ragged-cupt		—	Aug.	—	4.			—
spicata.	Long-spiked		—	Sept.	—	3.			—
squarrosa.	Round-headed		—	Aug.	—	—			—
LIGUSTICUM,	LOVAGE.								
austriacum.	Austrian	5. 2.	w.	June	Com.	2.			Austria.
levisticum.	Common		y.	—	—	6.			Alps.

		Cl.	Or.	Color.	Flow.	Soil.	Hgt.	Country.
LINUM,	FLAX.	5.	5.					
alpinum.	Alpine	b.	July	Com:	1.			Alpe.
* flavum.	Yellow Perennial	y.	June	P.L.	4.			Austria.
perenne.	Perennial	b.	July	Com:	3.			Britain.
LITHOSPERMUM,	GROMWELL.	5.	1.					
* fruticosum.	Shrubby	b.	June	Com:	2.			S. Eu.
officinale.	Common	l.y.	May	—	—			Britain.
* orientale.	Yellow-flowered	d.y.	—	P.L.	1.			Levant.
virginianum.	Virginian	w.	June	—	1.			N. Am.
LOBELIA,	LOBELIA.	19.	6.					
cardinalis.	Scarlet-flowered	r.	Aug:	S.P.	3.			N. Am.
* fulgens.	Crimson-flowered	d.r.	Sept:	—	—			Florida.
siphilitica.	Blue American	l.b.	July	—	2.			Virginia.
* splendens.	Splendid	d.r.	Sept:	—	—			Florida.
LOTUS,	BIRD'S-FOOT TREFOIL.	17.	4.					
cyttisoides.	Downy	y.	July	Com:	1.			Britain.
maritimus.	Sea	st.	June	—	1.			Europe.
rectus.	Upright	f.	May	—	3.			S. Eu.
LUNARIA,	HONESTY.	15.	1.					
redifiva.	Perennial	l.p.	June	Com:	3.			S. Eu.
LUPINUS,	LUPINE.	17.	4.					
nootkatensis.	Nootka Sound	y.	July	P.L.	6.			Nootka.
perennis.	Perennial	b.	Aug:	—	2.			N. Am.
LYCHNIS,	LYCHNIS.	10.	4.					
alpina.	Alpine	r.	May	P.L.	4.			Alpe.
chalconica.	Scarlet	—	July	—	3.			Russia.
— flo: pleno.	— Double	b.	—	—	2.			—
— flo: albo.	— White	w.	—	—	—			—
diurna.	Red Common	p.	June	Com.	2.			Europe.
— flo: pleno.	— Double	—	—	—	—			—
Flos-cuculi.	Ragged Robin.	—	—	—	14.			—
— flo: pleno.	— Double	—	—	—	—			—
— flo: albo.	— White	w.	—	—	—			—
quadridentata.	Four-toothed	—	May	P.L.	4.			Italy.
vespertina.	White Common	—	June	Com:	2.			Europe.
— flo: pleno.	— Double	—	—	—	—			—
viscaria.	German Catchfly.	r.	May	—	1.			—
— flo: pleno.	— Double	—	—	—	—			—
— flo: albo.	— White	w.	—	—	—			—
LYCOPUS,	WATER HOREHOUND.	2.	1					
europeus.	Common	w.	July	M.S.	3.			Britain.
exaltatus.	Italian	—	—	—	4.			Italy.
virginicus.	Virginian	w.p.	—	—	2.			N. Am.
LYSIMACHIA,	LOOSESTRIFE.	5.	1.					
bulbifera.	Bulb-bearing	y.	July	M.S.	1.			N. Am.
ciliata.	Ciliated	—	—	—	2.			—
ephemerum.	Willow-leaved	w.	—	P.L.	3.			Spain.
nemorum.	Yellow Pimpernel.	y.	May	M.S.	4.			Britain.
nummularia.	Money-wort	—	—	—	—			—
quadrifolia.	Four-leaved	—	July	P.L.	2.			N. Am.
quadriflora.	Four-flowered	—	—	—	—			—
thyrsiflora.	Tufted	—	—	Com:	1.			Britain.
vulgaris.	Common	y.	—	—	3.			—

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
LYTHRUM,	WILLOW-HERB.	11. 1.					
salicaria.	Common		p.	July	Com:	4.	Britain.
triflorum.	Three-flowered		—	Aug:	P.L.	2.	N. Am.
verticillatum.	Whorled		—	—	—	—	—
virgatum.	Twiggy		—	—	Com:	3.	Austria.
MALVA,	MALLOW.	16. 6.					
alcea.	Vervain		f.	Aug:	Com:	3.	France.
moschata.	Musk		—	—	—	2.	Britain.
MARRUBIUM,	HOREHOUND.	14. 1.					
* candidissimum.	Woolly		w.	July	S.P.	3.	Levant.
peregrinum.	Sicilian		—	Aug:	Com:	—	Sicily.
vulgare.	Common		—	June	—	2.	Britain.
MEDEOA,	MEDEOA.	6. 3.					
virginica.	Virginian		br.	June	S.P.	3.	N. Am.
MEDICAGO,	MEDICK.	17. 4.					
falcata.	Yellow		y.	June	Com:	2.	Britain.
karstiensis.	Creeping-rooted		—	—	—	1.	Carinthea
marina.	Sea		—	—	S.L.	—	S. Eu.
prostrata.	Prostrate		—	—	—	1.	Hungary.
sativa.	Lucerne		lp.	—	R.M.	2.	S. Eu.
MELANTHIUM,	MELANTHIUM.	6. 3.					
* lætum.	Spear-leaved		w.	July	S.P.	1.	N. Am.
* virginicum.	Virginian		g.	—	—	1.	—
MELISSA,	BALM.	14. 1.					
calamintha.	Mountain		b.w.	Aug:	Com:	1.	Europe.
grandiflora.	Great-flowered		p.	July	—	—	Austria.
nepeta.	Field		b.w.	Aug:	—	—	Europe.
officinalis.	Common		w.	June	—	—	—
MELITTIS,	BASTARD BALM.	14. 1.					
grandiflora.	Great-flowered		p.	July	Com:	1.	Austria.
melissophyllum.	Common		r.	—	—	—	—
MENTHA,	MINT.	14. 1.					
cervina.	Hyssop-leaved		w.	June	Com:	3.	France.
* crispa.	Curled-leaved		p.	Aug:	—	2.	Siberia.
odorata.	Burgamot		r.	July	—	1.	Britain.
piperita.	Peppermint.		p.	Aug:	—	2.	—
pulegium.	Pennyroyal.		b.	—	—	1.	—
viridis.	Spearmint.		p.	—	—	2.	—
MERCURIALIS,	MERCURY.	22. 8.					
perennis.	Perennial		br.	May	S.L.	1.	Britain.
MIMULUS,	MONKEY-FLOWER.	14. 2.					
alatus.	Winged		lb.	July	P.L.	1.	N. Am.
luteus.	Yellow		y.	June	—	2.	Peru.
ringens.	Gaping		lp.	July	—	1.	N. Am.
MITELLA,	MITELLA.	10. 2.					
caroliniana.	Carolinean		—	—	—	1.	N. Am.
* diphylla.	Two-leaved		—	May	—	—	—
nuda.	Naked-flowered		—	July	—	—	N. Asia.
MÖRRHINGIA,	MÖRRHINGIA.	8. 2.					
muscösa.	Mossy		—	June	S.L.	1.	S. Eu.
MONARDA,	MONARDA.	2. 1.					
* ciliata.	Ciliated		b.	July	R.L.	1.	N. Am.

HERBACEOUS PLANTS.—First Division, Sec. 5.

67

		Cl.	Or.	Color.	Flow.	Soil.	Hgt.	Country.
		2.	1.					
MONARDA,	MONARDA.							
clinopodia.	Wild-Basil-leaved	p.	July	R.L.	2.	N.	Am.	
didyma.	Oswego Tea.	r.	—	—	—	3.	—	
fistulosa.	Canadian	p.	—	—	—	—	—	
purpurea.	Purple-flowered	—	—	—	—	—	—	
rugosa.	White-flowered	w.	—	—	—	1.	—	
NAPÆA,	NAPÆA.	16.	7.					
lævis.	Smooth	w.	Aug:	Com:	4.	N.	Am.	
scabra.	Rough	—	—	—	—	6.	—	
NEPETA.	CAT'S-MINT.	14.	1.					
cataria.	Common	w.	July	Com:	2.	Britain.		
* incana.	Hoary	—	Aug:	P.L.	1.	Japan.		
italica.	Italian	—	July	—	1.	Italy.		
melissæfolia.	Balm-leaved	—	—	—	2.	Candia.		
nepetella.	Small-leaved	r.	—	Com:	1.	S. Eu.		
pannonica.	Hungarian	—	Aug:	—	1.	Hungary		
tuberosa.	Tuberous	b.	—	—	2.	S. Eu.		
* violacea.	Violet-coloured	—	July	—	—	Spain.		
ÆNOTHERA,	ÆNOTHERA.	3.	1.					
fruticosa.	Shrubby	d.y.	Aug:	P.L.	3.	N. Am.		
missouriensis.	Missouri	y.	—	—	4.	—		
pumila.	Dwarf	d.y.	July	—	1.	—		
undulata.	Wave-leaved	l.y.	—	—	2.	—		
ONONIS,	REST-HARROW.	17.	4.					
hircina.	Stinking	r.	June	Com:	1½.	Italy.		
repens.	Creeping	pk.	—	—	1.	Britai t.		
* rotundifolia.	Round-leaved	—	—	S.L.	—	Switz.		
spinosa rub:	Spiney	f.	July	Com:	1.	Britain.		
— alba.	— White	w.	—	—	—	—		
ONOSMA,	ONOSMA.	5.	1.					
echioides.	Hairy	y.	May	S.L.	1.	S. Eu.		
* simplissima.	Cretan	w.	July	—	—	Sicily.		
OPHIOPOGON,	OPHIOPOGON.	6.	1.					
japonicus.	Japan	l.y.	June	P.L.	1.	Japan.		
ORIGANUM,	MARJORUM.	14.	1.					
* creticum.	Cretan	w.	July	S.L.	1.	Sicily.		
* heracleoticum.	Winter Sweet	—	Aug:	—	—	Greece.		
hybridum.	Bastard	l.r.	July	—	1½.	Europe.		
vulgare.	Common	l.b.	—	—	2.	—		
OROBUS,	BITTER VETCH.	17.	4.					
albus.	White	w.	July	S.L.	1.	Europe.		
angustifolius.	Narrow-leaved	—	—	—	—	—		
Lathyroides.	Upright	l.b.	June	P.L.	1½.	Siberia.		
luteus.	Yellow	l.y.	—	H.L.	—	—		
niger.	Black-rooted	p.	May	P.L.	3.	Germany.		
sylvaticus.	Wood	—	June	—	2.	Europe.		
tuberosus.	Tuberous	r.	May	—	1.	Britain.		
varius.	Two-colored	y.r.	June	—	1½.	S. Eu.		
vernus.	Spring	p.	May	S.L.	1.	Europe.		
ORONTIUM,	ORONTIUM.	6.	1.					
* japonicum.	Japan	w.	Mar:	S.P.	2.	Japan.		
PACHYSANDRA,	PACHYSANDRA.	20.	4.					
* prostrata.	Trailing	w.	May	S.P.	1.	N. Am.		

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
PÆONIA,	PÆONY.	13. 2.					
albiflora.	White Single		w.	June	S.L.	3.	Turkey.
— sibirica.	— Siberian						Siberia.
anamola.	Jagged-leaved		pk.	—	—	2.	—
byzantina.	Constantinople		p.	May	—	3.	Turkey.
corallina.	Entire-leaved		r.	—	—	4.	Siberia.
daurica.	Daurian		p.	—	—	3.	Dauria
fimbriata.	Ragged-flowered		—	—	—	—	Asia.
humilis.	Dwarf Spanish		—	—	—	2.	Spain.
hybrida.	Mule		r.	—	—	—	Europe.
officinalis.	Officinal		—	—	—	3.	—
peregrina.	Asiatic Crimson dble:		d.p.	June	—	—	Levant.
— flo: rose pleno.	— Rose double		pk.	—	—	—	—
— flo: incarn: pl:	— Flesh double		f.	—	—	—	—
sinensis alb: pl:	Chinese White dble:		w.g.	—	—	2.	China.
— rub: pl:	— Red double		r.	—	—	—	—
tenuifolia.	Fennel-leaved		—	May	—	3.	Tartary.
PANAX,	PANAX.	23. 2.					
quinquefolium.	Ginseng.		l.g.	June	S.P.	1.	N. Am.
PAPAVER,	POPPY.	13. 1.					
cambricum.	Welsh		y.	May	S.P.	1.	Britain.
orientalis.	Oriental		r.	June	Com:	3.	Levant.
PARIS,	HERB PARIS.	8. 1.					
quadrifolia.	Common		l.g.	May	S.L.	½.	Britain.
PARNASSIA,	PARNASSIA.	8. 4.					
palustris.	Marsh		w.	July	M.S.	½.	Europe.
PARTHENIUM,	PARTHENIUM.	21. 5.					
integrifolium.	Entire-leaved		w.	July	P.L.	3.	N. Am.
PASTINACA,	PARSNEP.	5. 2.					
opoponax.	Rough		y.	June	Com:	6.	S. Eu.
PEGANUM,	SYRIAN-RUE.	11. 1.					
harmala.	Common		y.	July	Com:	1.	Spain.
PELTARIA,	PELTARIA.	15. 1.					
alliacea.	Garlic-scented		w.	May	S.L.	1.	Austria.
PENTHORUM,	PENTHORUM.	10. 4.					
sedoides.	American		g.y.	July	S.L.	1.	N. Am.
PENSTEMON,	PENSTEMON.	14. 2.					
campanulata.	Bell-flowered		l.p.	May	P.L.	1½.	Mexico.
lævigata.	Smooth-leaved		—	July	—	2.	N. Am.
pubescens.	Downy-leaved		—	—	—	—	—
PEUCEDANUM,	SULPHUR-WORT.	5. 2.					
alsaticum.	Small-headed		l.y.	June	Com:	6.	Austria.
PHACA,	BASTARD VETCH.	17. 4.					
alpina.	Smooth		y.	July	S.L.	2.	Austria.
australis.	Trailing		b.	May	—	½.	S. Eu.
bœtica.	Hairy		r.	July	—	4.	Spain.
frigida.	Dwarf		y.	—	—	1.	Austria.
PHLOMIS,	PHLOMIS.	14. 1.					
alpina.	Alpine		p.	June	S.L.	1.	Siberia.
herba-venti.	Rough-leaved		r.	July	Com:	2.	S. France.
taberosa.	Tuberous		l.p.	June	—	4.	Siberia.
PHLOX,	PHLOX.	5. 1.					
amœna.	Rose-colored		pk.	July	S.L.	½.	N. Am.

HERBACEOUS PLANTS.—First Division, Sec. 5.

69

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
PHLOX,	PHLOX.	5. 1.					
* carolina.	Carolina	d.p.	Aug:	P.L.	1.	N. Am.	
decussata.	Broad-leaved	r.			4.		
divaricata.	Early-flowering	l.b.	May		1.		
glaberrima.	Smooth-leaved	r.	July		3.		
intermedia.	Bastard						
maculata.	Spotted-stalked				4.		
ovata.	Oval-leaved	p.	June		$\frac{1}{2}$.		
paniculata.	Panicked Red	pk.	July		3.		
— flo: albo.	— White	w.			3.		
pilosa.	Hairy	pk.	June		$\frac{1}{2}$.		
pyramidalis.	Pyramidal	f.	Sept:		4.		
* setacea.	Bristle-leaved		June		$\frac{1}{2}$.		
* stolonifera.	Creeping	r.	July		$\frac{1}{2}$.		
suaveolens.	White	w.	Aug:		2.		
— foli: varieg:	— Striped-leaved				1 $\frac{1}{2}$.		
* subulata.	Awl-leaved	f.	June		$\frac{1}{2}$.		
* suffruticosa.	Shrubby	d.p.	Sept:		1 $\frac{1}{2}$.		
undulata.	Wave-leaved	r.	Aug:		3.		
PHYSALIS,	WINTER CHERRY.	5. 1.					
Alkekengi.	Common	w.	June	S.L.	1 $\frac{1}{2}$.	S. Eu.	
pennsylvanica.	Pennsylvanian	g.	July	P.L.	1.	N. Am.	
PHYTEUMA,	RAMPION.	5. 1.					
campanuloides.	Three-flowered	b.	July	P.L.	1.	Locant.	
hemisphærica.	Linear-leaved					Switz.	
orbiculæria.	Round-headed		Aug:			Britain.	
spicata.	Spiked		June		1 $\frac{1}{2}$.	Europe.	
PHYTOLACCA,	PHYTOLACCA.	10. 5.					
decandra.	Virginian-poke	l.p.	July	S.P.	5.	N. Am.	
PIMPINELLA,	BURNET SAXIFRAGE.	5. 2.					
peregrina.	Nodding	w.	June	Com:	2.	Haly.	
saxifraga.	Common				1.	Britain.	
PISUM,	PEA.	17. 4.					
maritimum.	Sea	r.p.	July	S.L.	1 $\frac{1}{2}$.	Europe.	
PLANTAGO,	PLANTAIN.	4. 1.					
alpina.	Alpine	w.	June	S.L.	3.	Switz.	
asiatica.	Asiatic		July		2.	Siberia.	
crassa.	Thick-leaved				$\frac{1}{2}$.	S. Eu.	
subulata.	Awl-shaped				$\frac{1}{2}$.		
PLUMBAGO,	LEAD-WORT.	5. 1.					
Europæa.	European	b.	Oct:	P.L.	3.	S. Eu.	
PODALYRIA,	PODALYRIA.	10. 1.					
alba.	White	w.	July	P.L.	3.	N. Am.	
australis.	Blue	b.	June				
lupinoides.	Lupine-like				4.	Siberia.	
tinctoria.	Yellow	g.	Aug:		1.	N. Am.	
PODOPHYLLUM,	DUCK'S-FOOT.	13. 1.					
pellatum.	Common	w.	May	S.P.	$\frac{1}{2}$.	N. Am.	
diphyllum.	Two-leaved				$\frac{1}{2}$.		
POLEMONIUM,	GREEK VALERIAN.	5. 1.					
cœruleum.	Blue	b.	May	Com:	2.	Europe.	
— flo: albo.	— White	w.					
reptans.	Creeping	l.b.			$\frac{1}{2}$.	N. Am.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
POLYGALA,	MILK-WORT.	17. 3.					
major.	Larger		r.	May	S.L.	1.	Austria.
vulgaris.	Common		—	—	—	$\frac{1}{2}$.	Britain.
POLYGONUM,	PERSICARIA.	8. 3.					
bistorta.	Great-Bistort		l.r.	June	Com:	1.	Europe.
divaricatum.	Divaricated		w.	July	—	2.	Siberia.
erectum.	Upright		p.r.	—	S.L.	1.	N. Am.
virginianum.	Virginian		w.	Aug:	—	3.	—
viviparum.	Small-Bistort		—	June	—	$\frac{1}{2}$.	Europe.
undulatum.	Wave-leaved		—	July	—	3.	Siberia.
POLYMNIA,	POLYMNIA.	19. 4.					
canadensis.	Canadian		l.y.	July	Com:	6.	N. Am.
Uvadalia.	Broad-leaved		y.	Oct:	—	8.	—
POTENTILLA,	CINQUEFOIL.	12. 5.					
alba.	White		w.	May	Com:	$\frac{1}{2}$.	Austria.
argentea.	Satin-leaved		y.	June	—	1.	Europe.
astracanica.	Astracan		—	—	—	—	Astracdn.
aurea.	Golden		d.y.	—	—	$\frac{1}{2}$.	Switz.
bifurca.	Bifid		l.y.	July	—	1.	Siberia.
obscura.	Notch-leaved		y.	June	—	—	—
opaca.	Smooth-leaved		—	Mar:	—	$\frac{1}{2}$.	Britain.
pennsylvanica.	Pennsylvanian		—	July	—	1.	N. Am.
rupetris.	Rock		w.	June	—	1.	Britain.
sericea.	Silky		y.	May	—	$\frac{1}{2}$.	Siberia.
tridentata.	Trifid		l.y.	July	—	—	Scotland.
verna.	Hairy Spring		y.	Mar:	—	—	Britain.
POTERIUM,	BURNET.	21. 7.					
hybridum.	Sweet		g.	July	Com:	2.	France.
Sanguisorba.	Common		—	—	—	1.	Britain.
POTHOS,	POTHOS.	4. 1.					
fetida.	Skunk-weed		st.	April	S.L.	1.	N. Am.
PRENANTHES,	PRENANTHES.	19. 1.					
alba.	White		w.	Aug:	P.L.	$\frac{1}{2}$.	N. Am.
altissima.	Tallest		l.y.	—	—	2.	—
purpurea.	Purple		p.	July	Com:	4.	Germany.
PRIMULA,	PRIMROSE.	5. 1.					
1. acaulis.	Stemless White		w.	May	H.L.	$\frac{1}{2}$.	Britain.
2. —	— Buff Double		l.f.	—	—	—	—
3. —	— Crimson Double		d.r.	—	—	—	—
4. —	— Hose in Hose		l.y.	—	—	—	—
5. —	— Lilac Double		l.p.	—	—	—	—
6. —	— Scotch Double		r.	—	—	—	Scotland.
7. —	— White Double		w.	—	—	—	Britain.
8. —	— Yellow Double		y.	—	—	—	—
9. —	— Yellow Single		—	—	—	—	—
Auricula.	Auricula						

[Florists enumerate, of this species, more than 25 varieties, whose flowers and leaves are powdered; and as many with smooth leaves and flowers, called selfs.]

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
PRIMULA,	PRIMROSE.	5. 1.					
cortusoides.	Cortusa-like	r.	May	P.L.	1.	Siberia.	
farinosa.	Bird's-eye	b.	—	—	1½.	Britain.	
helvetica.	Swiss	—	—	—	1½.	Switz.	
integrifolia.	Entire-leaved	—	—	—	1½.	—	
longifolia.	Long-leaved	r.	—	—	1½.	Levant.	
marginata.	Silver-edged	b.	—	S.L.	1½.	Switz.	
nivalis.	Snow-white	w.	—	—	2.	Britain.	
veris.	Primrose	y.	—	—	1.	—	
— elatior.	— Oxslip	—	—	—	—	—	
— polyanthos.	— Polyanthus	br.	—	R.M.	1½.	Europe.	
— flo: pleno.	— Double	br.	—	—	1½.	—	
	[This species produces many beautiful varieties, cultivated in Lancashire to great perfection.]						
villosa.	Villous	p.	May	P.L.	1½.	Switz.	
PRUNELLA,	SELF-HEAL.	14. 1.					
grandiflora.	Great-flowered	l.b.	July	P.L.	1½.	S. Eu.	
hyssopifolia.	Hyssop-leaved	—	—	—	—	S. France.	
laciniata.	Jagged-leaved	w.	—	—	—	S. Eu.	
pensylvanica.	Pennsylvanian	y.	Aug:	—	—	N. Am.	
PULMONARIA,	LUNG-WORT.	5. 1.					
angustifolia.	Narrow-leaved	p.	May	P.L.	1½.	Europe.	
maritima.	Sea	l.b.	June	S.P.	1½.	Britain.	
officinalis.	Officinal	p.w.	April	P.L.	1.	—	
paniculata.	Panicled	l.b.	June	—	1½.	N. Am.	
virginica.	Virginian	b.	May	—	—	—	
RANUNCULUS,	CROWFOOT.	13. 7.					
aconitifolius.	Fair Maids of France.	w.	May	Com:	1.	Switz.	
— flo: pleno.	— Batchelor's Buttons.	w.	—	—	—	—	
acris.	Upright	y.	June	—	2.	Europe.	
— flo: pleno.	— Double Upright	y.	—	—	—	—	
alpestris.	Alpine	w.	—	—	1.	Austria.	
amplexicaulis.	Plantain-leaved	w.	May	—	1.	Pyranees.	
auricomus.	Goldilocks.	y.	April	Com:	1½.	Europe.	
cassubicus.	Various-leaved	y.	July	—	2.	Siberia.	
glacialis.	Two-flowered	y.	June	S.L.	1½.	Lapland.	
gramineus.	Grass-leaved	y.	May	Com:	1.	Spain.	
lingua.	Great Spear-wort.	—	June	—	1.	Britain.	
parnassifolius.	Parnassia-leaved	st.	—	—	1½.	S. Eu.	
Thora.	Kidneyshape-leaved	y.	May	—	—	Austria.	
RHEUM,	RHUBARB.	9. 2.					
compactum.	Thick-leaved	w.	May	Com:	3.	Tartary.	
hybridum.	Bastard	—	—	—	4.	—	
palmatum.	Officinal	—	—	—	5.	—	
rhaponticum.	Rhapontic	—	—	—	4.	—	
Ribes.	Warted-leaved	—	—	—	2.	Levant.	
sibiricum.	Siberian	—	—	—	—	Siberia.	
tartaricum.	Tartarian	—	—	—	3.	Tartary.	
undulatum.	Wave-leaved	—	—	—	4.	China.	
RHEXIA,	RHEXIA.	8. 1.					
virginica.	Virginian	p.	Aug:	P.L.	1.	N. Am.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
RHODIOLA, <i>rosea.</i>	ROSE-ROOT. Common	22. 7.					
RUBIA, <i>cordifolia.</i> <i>peregrina.</i> <i>tinctorum.</i>	MADDER. Heart-leaved Wild Dyer's	4. 1.	<i>g. y.</i>	June	Com:	1.	Britain.
RUEUS, <i>arcticus.</i> <i>chamaemorus.</i> <i>rosae-folius.</i> <i>saxatilis.</i>	BRAMBLE. Dwarf Crimson Cloud-berry. Rose-leaved Stone	12. 5.	<i>w.</i> <i>y.</i> <i>w.</i>	July — —	P.L. Com: —	$\frac{1}{2}$ 1. $\frac{1}{2}$	Siberia. Britain. S. Eu.
RUDBECKIA, <i>digitata.</i> <i>fulgida.</i> <i>hirta.</i> <i>laciniata.</i> <i>purpurea.</i>	RUDBECKIA. Lobed-leaved Bright-Yellow Great Hairy Jagged-leaved Purple	19. 3.	<i>y.</i> — — <i>d. p.</i>	Aug: — — —	P.L. — — —	6. 3. — 5.	N. Am. — — —
RUMEX, <i>Acetosa.</i> <i>scutatus.</i>	DOCK. Common Sorrel French Sorrel	6. 3.	<i>w.</i> <i>p.</i>	May July	Com: —	2. 1 $\frac{1}{2}$.	Europe. France.
SAGINA, <i>procumbens.</i> — <i>flo. pleno.</i>	PEARL-WORT. Procumbent — Double-flowered	4. 3.	<i>w.</i>	June	S.L.	$\frac{1}{2}$.	Europe.
SALVIA, <i>austriaca.</i> <i>Forskœhlîi.</i> <i>glutinosa.</i> <i>grandiflora.</i> <i>hæmatodes.</i> • <i>indica.</i> • <i>lyrata.</i> <i>mollis.</i> <i>napifolia.</i> <i>pennerosa.</i> <i>phlœmœoides.</i> <i>pratensis.</i> <i>sylvestris.</i> <i>verticillata.</i> <i>viscosa.</i>	SAGE. Austrian Forskœhl's Yellow-flowered Great-flowered Italian Bloody Indian Lyre-leaved Soft-leaved Rape-leaved Spear-leaved Mullein-leaved Meadow Wood or Bohemian Whorl-flowered Clammy	2. 1.	<i>l. y.</i> <i>b.</i> <i>y.</i> <i>l. b.</i> <i>p.</i> <i>b. w.</i> <i>l. b.</i> <i>r. w.</i> <i>d. p.</i> <i>b.</i> <i>l. b.</i> <i>p.</i> <i>b.</i> — <i>p.</i>	July Aug: July — — June Aug: July Oct: July June July Aug: July June	Com: — — — — — — — — — — — — — — —	1. $\frac{1}{2}$ 3. 2. 4. 3. 1. 1. 2. 1 $\frac{1}{2}$. 2. 2. 2. 3. 2. 2.	Austria. Levant. Italy. S. Eu. Italy. E. Indies. N. Am. Siberia. Italy. Austria. Spain. Britain. Austria. Germany. Italy.
SAMEUCUS, <i>ebulus.</i>	ELDER. Dwarf	5. 3.	<i>w.</i>	June	Com:	3.	Britain.
SANGUISORBA, <i>canadensis.</i> <i>media.</i> <i>officinalis.</i>	BURNET. Canadian Short-spiked Common	4. 1.	<i>w.</i> <i>r.</i>	June July	Com: —	3. 2.	N. Am. — Europe.
SANICULA, <i>europœa.</i> <i>canadensis.</i>	SANICLE. Common Canadian	5. 2.	<i>w.</i> <i>w.</i>	June July	S.L. —	1. 2.	Britain. N. Am.
SANSEVIERA, • <i>carnea.</i>	SANSEVIERA. Flesh-colored	6. 1.	<i>f.</i>	Aug:	P.L.	$\frac{1}{2}$.	China.
SANTOLINA, <i>Anthemoides.</i> <i>maritima.</i>	LAVENDER COTTON. Chamomile-leaved Sea	19. 1.	<i>l. y.</i> <i>y.</i>	July Aug:	Com: S.L.	$\frac{1}{2}$ $\frac{1}{2}$.	S. Eu. Britain.

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
SAPONARIA,	SOAP-WORT.	10. 2.					
<i>Ocymoides.</i>	Basil-leaved		r.	June	S.P.	½	S. Eu.
<i>officinalis.</i>	Common		l.p.	July	Com:	2.	Europe.
— flo: pleno.	— Double						
SATYRIUM,	SATYRIUM.	20. 1.					
<i>repens.</i>	Creeping		f.	July	P.L.	½	Scotland.
SAURURUS,	LIZARD'S-TAIL.	7. 3.					
<i>cernuus.</i>	Drooping		w.	June	S.P.	2.	N. Am.
SAXIFRAGA,	SAXIFRAGE.	10. 2.					
<i>ascendens.</i>	Ascending		w.	June	S.L.	½	Pyrenees.
<i>ajacifolia.</i>	Bugle-leaved		w.	—	—	1.	S. Eu.
<i>Aizoides.</i>	Yellow Mountain		y.	July	—	½	Britain.
<i>Aizoon.</i>	Margined		w.	June	—	1.	Switz.
<i>androsacea.</i>	Androsace-leaved		st.	—	—	½	Austria.
<i>autumnalis.</i>	Autumnal		y.r.	July	—	½	Switz.
<i>cæsia.</i>	Grey		w.	June	—	½	Austria.
<i>cræpitosa.</i>	Matted		l.y.	Aug:	—	½	Europe.
<i>cernua.</i>	Drooping		w.	June	—	—	Britain.
<i>cordifolia.</i>	Heart-leaved		pt	April	—	1.	Siberia.
<i>Cotyledon.</i>	Pyramidal		w.	May	—	2.	Switz.
<i>crassifolia.</i>	Thick-leaved		p.	April	—	1.	Siberia.
<i>cuneifolia.</i>	Wedge-leaved		w.g.	May	—	½	Switz.
<i>geranoides.</i>	Geranium-leaved		w.	—	—	—	Pyrenees.
<i>Geum.</i>	Kidney-leaved		w.r.	July	—	1.	Alps.
<i>granulata.</i>	Grain-rooted		w.	May	—	1.	Britain.
— flo: pleno.	— Double						
<i>Hirculus.</i>	Marsh		y.	Aug:	—	½	—
<i>hypnoides.</i>	Moss-like		w.	April	—	½	—
<i>moschata.</i>	Musky		l.y.	July	—	½	—
<i>mutata.</i>	Houseleek-leaved		—	June	—	½	Switz.
<i>nivalis.</i>	Snowy		w.	—	—	½	Britain.
<i>oppositifolia.</i>	Dwarf Purple		l.p.	Mar:	—	½	—
<i>palmata.</i>	Palmated		l.g.	May	—	½	—
<i>pennsylvanica.</i>	Pennsylvanian		g.	June	—	2.	N. Am.
<i>petræa.</i>	Rock		w.	May	—	½	Norway.
<i>rivularis.</i>	Brook		w.	June	—	½	Britain.
<i>rotundifolia.</i>	Round-leaved		w.r.	—	—	1.	Switz.
<i>sarmentosa.</i>	Creeping-rooted		—	June	—	½	China.
<i>stellaris.</i>	Starry		w.	—	—	½	Britain.
<i>viscosa.</i>	Clammy		p.	Aug:	—	1.	Siberia.
<i>umbrosa.</i>	London Pride.		w.r.	May	—	1.	Britain.

[Note—In preparing the compost for all Succulent Plants, about a fourth part should be sifted rubbish, from old buildings, one fourth sandy peat, and two fourths sandy loam.]

SCABIOSA,
alpina.
arvensis.

SCABIOUS.
Alpine
Field

4. 1.
h.g. June Com: 3. Alps.
l.p. July — 2. Britain.

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
SCABIOSA,	SCABIOUS.	4. 1.					
* caucasica.	Caucasian	b.	Aug:	P.L.	1.	Caucasus.	
columbaria.	Small	l.b.	July	—	1.	Britain.	
graminifolia.	Grass-leaved	b.	—	—	1.	Alps.	
gramuntia.	Cut-leaved	l.b.	Sept:	—	1.	S. France.	
leucantha.	White-flowered	w.	Aug:	Com:	2.	—	
Succisa.	Devil's-bit	b.	Sept:	—	1.	Britain.	
sylvatica.	Broad-leaved	l.b.	Aug:	—	2.	Austria.	
SCANDIX,	CHERVIL.	5. 2.					
odorata.	Sweet Cicely or Myrrh.	w.	June	Com:	4.	Europe.	
SCOLYMUS,	GOLDEN-THISTLE.	19. 1.					
hispanicus.	Perennial	y.	Sept:	Com:	3.	S. Ex.	
SCORZONERA,	VIPER'S-GRASS.	19. 1.					
graminifolia.	Grass-leaved.	l.y.	July	Com:	2.	Portugal.	
hispanica.	Garden	y.	—	—	3.	Spain.	
SCROPHULARIA,	FIG-WORT.	14. 2.					
altaica.	White-flowered	w.	June	Com:	1.	Siberia.	
* auriculata.	Ear-leaved	br.	July	—	2.	Spain.	
betonicifolia.	Betony-leaved	p.	—	—	2.	S. Ex.	
nodosa.	Knobby-rooted	g.p.	June	—	2.	Britain.	
orientalis.	Hemp-leaved	br.	July	—	2.	Levant.	
* sambucifolia.	Elder-leaved	r.g.	Aug:	—	3.	Spain.	
Scorodonia.	Balm-leaved	d.p.	—	—	—	Britain.	
SCUTELLARIA,	SCULL-CAP.	14. 1.					
alpina.	Alpine	b.w.	July	P.L.	1.	Switz.	
altissima.	Tallest	d.p.	—	—	2.	Levant.	
galericulata.	Common	b.	—	Com:	1.	Britain.	
integrifolia.	Entire-leaved	p.	—	P.L.	2.	N. Am.	
lupulina.	Great-flowered	y.w.	—	—	1.	Siberia.	
orientalis.	Yellow	y.	—	—	1.	Levant.	
* peregrina.	Florentine	w.	Aug:	Com:	2.	Italy.	
SEDUM,	STONE-CROP.	10. 4.					
acre.	Wall Pepper.	y.	June	S.L.	1.	Britain.	
Aizoon.	Yellow	—	Aug:	—	1.	Siberia.	
album.	White	w.	July	—	1.	Britain.	
Anacampseros.	Evergreen	p.	—	—	1.	S. France.	
dasyphyllum.	Thick-leaved	w.	—	—	1.	Britain.	
difficiens.	Purslane-leaved	y.	June	—	1.	N. Am.	
Forsterianum.	Forster's	w.	Aug:	—	1.	Wales.	
glaucum.	Glaucous	p.	July	—	1.	Britain.	
hybridum.	Bastard	—	June	—	1.	Siberia.	
populifolium.	Poplar-leaved	w.	July	—	1.	—	
quadrifidum.	Four-petaled	y.	—	—	1.	Asia.	
reflexum.	Reflexed-leaved	—	—	—	1.	Britain.	
rupestre.	Rock	—	—	—	1.	—	
sexangulare.	Inspid	—	—	—	1.	—	
Telephium alb:	Common Orpine	w.	—	—	2.	—	
— major alb:	— Large White	—	—	—	—	Portugal.	
— purp: major.	Common Purple	p.	—	—	—	Britain.	
— minor.	— Small	—	—	—	1.	Portugal.	
villosum.	Hairy	—	June	—	1.	Britain.	
virens.	Green	y.	—	—	1.	Portugal.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
SELINUM,	MILKY-PARSLEY.	5. 9.					
austriacum.	Austrian		w.	July Com:	2.		France.
Carvifolium.	Caraway-leaved			Aug: —	—		N. Eu.
Chabrei.	Carrot-leaved				1.		S. Eu.
SEMPERVIVUM,	HOUSELEEK.	11. 6.					
arachnoideum.	Cobweb		r.	June S.P.	1.		Alps.
cuspidatum.	Spear-leaved		f.	—	2.		—
globiferum.	Globular-leaved			—	1.		Germany.
hirtum.	Rough-leaved		w.	—	1.		—
Sediforme.	Sedum-like			July —	1.		S. Eu.
tectorum.	Common		f.	—	1.		Britain.
SENECIO,	GROUNDSEL.	19. 2.					
abrotanifolium.	Southernwood-ld:		y.	July Com:	2.		Austria.
Doria.	Broad-leaved			—	4.		—
Doronicum.	Alpine			—	1.		S. Eu.
incanum.	Downy			— S.P.	1.		Austria.
SERAPIAS,	SERAPIAS.	20. 1.					
longifolium.	Long-leaved		st.	Aug: M.S.	1.		Britain.
palustre.	Marsh			—	—		—
SARRATULA,	SAW-WORT.	19. 1.					
alpina.	Alpine		p.	July P.L.	1.		N. Eu.
coronata.	Siberian			— Com:	5.		Siberia.
quinquefolia.	Five-leaved		p.	Sept: P.L.	2.		Persia.
tinctoria.	Common		d.p.	Aug: Com:	3.		Britain.
SEALL,	MEADOW SAXIFRAGE.	5. 2.					
aristatum.	Bearded-leaved		w.	June Com:	11.		Pyraence.
glaucum.	Glaucous		st.	July —	2.		France.
montanum.	Mountain		w.	—	2.		S. Eu.
SIBBALDIA,	SIBBALDIA.	5. 5.					
procumbens.	Procumbent		y.	July S.L.	1.		N. Eu.
SIBTHORPIA,	CORNISH MONEY-WORT.	14. 2.					
europæa.	Common		y.	July S.L.	1.		Britain.
SIDERITIS,	IRON-WORT.	14. 1.					
hyssopifolia.	Hyssop-leaved		Ly.	Aug: Com:	1.		Switz.
scordoides.	Scolloped-leaved		y.	—	1.		S. France.
SILENE,	CATCHFLY.	10. 3.					
acaulis.	Dwarf		r.	May P.L.	1.		N. Eu.
alpestris.	Austrian		w.	July S.L.	1.		Austria.
amœna.	Tartarian			June P.L.	1.		Tartary.
chloræfolia.	Armenian		ly.	Aug: —	1.		Armenia.
longiflora.	Long-flowered		l.p.	July —	11.		Hungary
maritima.	Sea		w.	Aug: S.L.	1.		N. Eu.
nutans.	Nottingham			June Com:	2.		Britain.
rupestris.	Rock			July S.L.	1.		Europe.
saxatilis.	Grass-leaved		l.r.	—	1.		Siberia.
Saxifraga.	Saxifrage		f.	—	1.		Italy.
vallesia.	Woolly-leaved			July —	1.		Switz.
SILPHIUM,	SILPHIUM.	19. 4.					
Asteriscus.	Hairy-stalked		y.	Aug: Com:	5.		N. Am.
connatum.	Round-stalked			—	6.		—
laniniatum.	Jagged-leaved			—	6.		—
perfoliatum.	Perfoliate			—	7.		—

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
SISON,	HONE-WORT.	5. 2.					
canadense.	Three-leaved		w.	July	Com:	2.	N. Am.
verticillatum.	Whorl-leaved		—	Aug:	M.S.	1.	Britain.
SISYMBRIUM,	SISYMBRIUM.	15. 2.					
Barbarea.	Scolloped-leaved		w.	Aug:	Com:	1.	Levant.
pyrenaicum.	Pyrenean		y.	—	—	—	Pyraenees.
sagittatum.	Arrow-leaved		w.	June	—	—	Siberia.
strictissimum.	Upright		y.	—	—	3.	Switz.
tanacetifolium.	Tansey-leaved		—	—	—	—	Italy.
SISYRINCHUM,	SISYRINCHUM.	16. 1.					
anceps.	Narrow-leaved		l.b.	July	S.P.	1.	N. Am.
* Bermudiana.	Bermuda		b.	—	—	1.	Bermuda.
Iridioides.	Iris-like		—	—	—	—	N. Am.
— flo: luteo.	— Yellow-flowered		y.	—	—	1.	—
striatum.	Striped-flowered		st.	—	—	2.	Mexico.
SIMUM,	WATER PARSNEP.	5. 2.					
rigidum.	Virginian		w.	Aug:	S.P.	2.	Virginia.
Sisarrum.	Skirret.		—	July	R.M.	1.	China.
SMILAX,	SMILAX.	22. 6.					
herbacea.	Herbaceous		g.	June	S.P.	4.	N. Am.
SMYRNIUM,	ALEXANDER'S.	5. 2.					
aureum.	Golden		y.	June	R.M.	1.	N. Am.
perfoliatum.	Perfoliate		—	May	—	3.	Candia.
SOLANUM,	NIGHTSHADE.	5. 1.					
* quercifolium.	Oak-leaved		y.	Aug:	P.L.	2.	Mexico.
tuberosum.	Common Potatoc.		w.	July	R.M.	2.	—
SOLDANELLA,	SOLDANELLA.	5. 1.					
alpina.	Alpine Purple		p.	April	P.E.	1.	Alps.
— flo: albo.	— White		w.	—	—	—	—
SOLIDAGO,	GOLDEN-ROD.	19. 2.					
ambigua.	Angular-stalked		y.	Aug:	Com:	2.	N. Am.
arguta.	Sharp-notched		—	—	—	4.	—
aspera.	Harsh-leaved		—	—	—	3.	—
bicolor.	Two-colored		—	—	—	2.	—
cæsia.	Maryland		—	—	—	2.	—
cambrica.	Welsh		—	July	—	1.	Wales.
canadensis.	Canadian		—	Aug:	—	2.	N. Am.
— integrifolia.	— Entire-leaved		—	—	—	2.	—
— humilis.	— Dwarf		—	—	—	1.	—
elliptica.	Oval-leaved		—	—	—	3.	—
gigantea.	Giant		—	—	—	6.	—
lævigata.	Fleshy-leaved		—	Sept:	—	6.	—
lanceolata.	Grass-leaved		—	—	—	3.	—
mexicana.	Mexican		—	Oct:	—	1.	—
odora.	Sweet-scented		—	Aug:	—	3.	—
petiolaris.	Long-petaled		—	Oct:	—	4.	—
procera.	Great		—	Sept:	—	6.	—
sempervirens.	Evergreen		—	—	—	5.	—
serotina.	Late-flowering		—	Oct:	—	4.	—
SONCHUS,	SOW-THISTLE.	19. 1.					
Plumieri.	Plumier's		b.	July	Com:	4.	Pyraenees.
Sibiricus.	Willow-leaved		l.b.	—	—	2.	Siberia.
tartaricus.	Tartarian		b.	June	—	4.	Tartary.

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
SOPHORA,	SOPHORA.	10. 1.					
alba.	White-flowered	w.	June	P.L.	2.	Siberia.	
alepcurioides.	Fox-tail	l.b.	July	—	4.	Levant.	
australis.	Blue-flowered	b.	—	—	4.	Carolina.	
flavescens.	Siberian	y	June	—	2.	Siberia.	
tinctoria.	Dyer's	—	—	—	1½.	Virginia.	
SPIGELIA,	WORM-GRASS.	5. 1.					
* marylandica.	Perennial	or.	July	S.P.	1.	N. Am.	
SPIRÆA,	SPIRÆA.	12. 4.					
Aruncus.	Goat's-beard	w.	June	P.L.	4.	Austria.	
Filipendula.	Drop-wort	—	July	Com:	2.	Britain.	
— flo: pleno.	— Double	—	—	—	1½.	—	
lobata.	Lobe-leaved	r.	—	P.L.	2.	Siberia.	
trifoliata.	Three-leaved	r.w.	June	—	2.	N. Am.	
Ulmaria.	Meadow Sweet	w.	July	Com:	2.	Britain.	
— flo: pleno.	— Double	w.	—	—	2.	—	
STACHYS,	STACHYS.	14. 1.					
alpina.	Alpine	d.p.	July	P.L.	2.	Germany.	
circinata.	Goat's-leaved	p.	June	—	1.	Barbary.	
* cretica.	Cretan	w.	July	—	2.	Canada.	
germanica.	German	st.	Aug:	Com:	3.	Europe.	
lanata.	Woolly	—	July	P.L.	2.	Siberia.	
* maritima.	Sea	y.	—	S.L.	2.	S. Eu.	
STATICE,	THRIFT.	5. 5.					
Armeria.	Common	r.	May	Com:	½.	Britain.	
— flo: alba.	— White-flowered	or.	—	—	—	—	
* cephalotes.	Plaintain-leaved	l.r.	June	P.L.	1.	Spain.	
cordifolia.	Heart-leaved	r.	—	—	½.	S. Eu.	
coriacea.	Leathery-leaved	b.	May	—	—	Siberia.	
flexuosa.	Big-zag	r.	July	—	1.	—	
latifolia.	Broad-leaved	b.	—	—	1.	Tartary.	
Limonium.	Sea Lavender.	b.	June	S.L.	1.	Europe.	
* oleifolia.	Olive-leaved	r.	Aug:	—	1.	Spain.	
reticulata.	Matted	l.p.	July	—	½.	Britain.	
speciosa.	Spreading-leaved	w.	—	P.L.	1.	Tartary.	
tartarica.	Tartarian	l.b.	June	—	½.	Russia.	
STELLARIA,	STITCHWORT.	10. 3.					
cerastoides.	Alpine	w.	June	P.L.	½.	Britain.	
graminea.	Lesser	—	May	—	1.	—	
Holostea.	Greater	—	—	—	—	—	
nemorum.	Wood	—	—	S.P.	—	Europe.	
scapigera.	Many-stalked	—	June	—	½.	—	
STIPA,	FEATHER-GRASS.	3. 2.					
pennata.	Common	w.	July	S.L.	2.	Britain.	
SWERTIA,	FEL-WORT.	5. 2.					
perennis.	Marsh	br.	Aug:	M.S.	1.	Alps.	
SYMPHYTUM,	COMFREY.	5. 1.					
aspermum.	Prickly	r.b.	June	Com:	4.	Tartary.	
carminosa.	Crimson-flowered	r.	—	—	1.	Siberia.	
cœruleum.	Blue-flowered	b.	—	—	2.	—	
officinale.	Common	p.	—	—	2.	Britain.	
orientale.	Oriental	b.	May	—	2.	Levant.	
* tuberosum.	Tuberous-rooted	l.y.	July	—	1.	S. Eu.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
TAGETES,	MARYGOLD.	19. 2.					
* lucida.	Sweet-scented		y.	July	P.L.	1.	Mexico.
TAMUS,	BLACK-BRYONY.	22. 6.					
communis.	Common		g.	July	S.P.	10.	Britain.
TANACETUM,	TANSY.	19. 2.					
Balsamita.	Costmary.		d.y.	Aug:	R.M.	3.	S. Eu.
vulgare.	Common		l.y.	July	—	2.	Britain.
TELEPHIUM,	TELEPHIUM.	5. 3.					
Imperati.	True Orpine.		w.	July	S.L.	1.	S. Eu.
TETRAGONOTHECA,	TETRAGONOTHECA.	19. 2.					
helianthoides.	Sunflower-like		g.	Sept:	P.L.	3.	Carolina.
TEUCRIUM,	GERMANDER.	14. 1.					
canadense.	Nettle-leaved		y.	Aug:	Com:	1.	N. Am.
Chamedrys.	Common		l.p.	June	—	1.	Britain.
* hircanicum.	Betony-leaved		p.	July	—	1.	Persia.
montanum.	Dwarf		w.	—	—	1.	France.
* multiflorum.	Many-flowered		l.r.	June	—	1.	Spain.
pyrenaicum.	Pyrenean		p.w.	—	—	1.	Pyrenees.
Scorodonia.	Wood Sage.		p.y.	Aug:	—	1.	Britain.
THALICTRUM,	MEADOW RUE.	13. 7.					
alpinum.	Alpine		d.p.	June	Com:	1.	Britain.
angustifolium.	Narrow-leaved		w.	—	—	3.	Germany.
aquilegifolium.	Feathered Columbine.						
— atropurpureum.	— Dark-flowered		d.r.	—	—		
— contortum.	— Twisted-seeded		w.	—	—		
Cornuti.	Canadian						N. Am.
dioicum.	Diœcious.		l.y.	July	—	1.	
flavum.	Yellow-rooted		w.	—	—	4.	Britain.
foetidum.	Stinking			June	—	1.	Switz.
lucidum.	Shining		l.y.	—	—	4.	S. Eu.
majus.	Giant			—	—		Britain.
minus.	Small			—	—	1.	
nigricans.	Dark-stalked		p.	July	—	2.	Austria.
purpurascens.	Purplish		l.p.	June	—	3.	Canada.
rugosum.	Wrinkled		w.	—	—	2.	N. Am.
sibiricum.	Siberian		l.y.	—	—	1.	Siberia.
speciosum.	Glaucous		y.	—	—	5.	Spain.
tuberosum.	Tuberous-rooted		w.	June	—	2.	
THAPSLA,	DEADLY CARROT.	5. 2.					
Asclepium.	Narrow-leaved		y.	July	S.L.	2.	Levant.
garganica.	Garganian		l.y.	—	—		Barbary.
villosa.	Broad-leaved		y.	—	—		Portugal.
THESIUM,	THESIUM.	5. 1.					
alpinum.	Alpine		w.	June	P.L.	1.	Alps.
Linophyllum.	Bastard Toad-Flax.						Britain.
THLASPI,	BASTARD CRESS.	15. 1.					
alpestre.	Alpine		w.	Mar:	S.L.	1.	Britain.
perfoliatum.	Perfoliate						
THYMUS,	THYME.	14. 1.					
* Marshallii.	Marshall's		w.	Aug:	S.P.	1.	Dauria
* Montanus.	Mountain		st.	July	—		S. France.

HERBACEOUS PLANTS.—First Division, Sec. 3

79

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
THYMUS,	THYMS.	14. 1.					
<i>Serpillium.</i>	Mother of Thyme.		p.	July	S.P.	1.	Europe.
— citri odoré.	— Lemon				R.M.		
<i>vulgaris.</i>	Common			June		1.	S. Eu.
<i>Zygis.</i>	Linear-leaved		w.	Aug.		1.	Spain.
TIARELLA,	TIARELLA.	10. 2.					
<i>cordifolia.</i>	Heart-leaved		w.	May	S.P.	1.	N. Am.
<i>trifolia.</i>	Three-leaved						Siberia.
TOFIELDIA,	TOFIELDIA.	6. 3.					
<i>palustris.</i>	Scotch Asphodel.		w.	July	M.S.	1.	Scotland.
<i>pubens.</i>	American		st.			1.	N. Am.
TORMENTILLA,	TORMENTIL.	12. 6.					
<i>erecta.</i>	Upright		y.	May	Com.	1.	Britain.
<i>repens.</i>	Trailing					1.	
TRADESCANTIA,	SPIDER-WORT.	6. 1.					
<i>virginica.</i>	Virginian		b.	July	P.L.	1.	N. Am.
— flo. albo.	— White-flowered		w.			1.	
— flo. purpureo.	— Purple-flowered		p.			1.	
TRIENTALIS,	WINTERGREEN.	7. 1.					
<i>europæa.</i>	Chickweed		w.	June	S.P.	1.	Europe.
TRIFOLIUM,	TREFOIL.	17. 4.					
<i>alpestre.</i>	Oval-spiked		d.p.	July	Com.	1.	Europe.
<i>alpinum.</i>	Alpine Liquorice.		p.			1.	Switz.
<i>canescens.</i>	Grey Clover.		w.	June		1.	Caucasus.
<i>Lapinaster.</i>	Bastard Lupine.		p.	July		1½.	Siberia.
<i>montanum.</i>	Mountain		w.			1.	Europe.
<i>olympicum.</i>	Olympian		l.p.	June		2.	Greece.
<i>pannonicam.</i>	Hungarian		w.			1.	Hungary.
<i>repens maculatam.</i>	Dark-marked Dutch c.					1½.	Britain.
<i>rubens.</i>	Long-spiked c.		d.r.	July		2.	S. Eu.
TRIGONELLA,	FENUGREEK.	17. 4.					
<i>ruthenica.</i>	Small		y.	June	P.L.	1½.	Siberia.
TRIOSTEUM,	FEVER-ROOT.	5. 1.					
<i>perfoliatum.</i>	Common		d.r.	July	P.L.	1.	N. Am.
TRIPSACUM,	TRIPSACUM.	21. 3.					
<i>dactyloides.</i>	Rough-seeded		d.r.	Aug.	P.L.	4.	Virginia.
TROLLIUS,	GLOBE RANUNCULUS.	13. 7.					
<i>americanus.</i>	American		l.o.	June	P.L.	1.	N. Am.
<i>asiaticus.</i>	Asiatic		d.o.				Siberia.
— major.	— Tallest		l.o.			2.	
<i>europæus.</i>	European		y.				Europe.
TUSSILAGO,	COLT'S-FOOT.	19. 2.					
<i>alba.</i>	White		w.	Mar.	Com.	1.	Europe.
<i>alpina.</i>	Alpine		l.p.	April		1.	Switz.
<i>Farfara.</i>	Common		w.	Mar.			Britain.
— fol. variegatis.	— Striped-leaved						
<i>fragrans.</i>	Sweet-scented					1.	Italy.
<i>hybrida.</i>	Long-stalked		l.r.			1½.	Europe.
<i>lobata.</i>	Lobe-leaved		w.			1.	Switz.
<i>palmata.</i>	Palmated			May		1.	N. Am.
<i>Petasites.</i>	Butter-bur.		l.r.	April		1.	Britain.

		Cl. Or.	Color.	Flow.	Soll.	Hgt.	Country.
VALANTIA,	CROSS-WORT.	23. 1.					
glabra.	Smooth		y.	July Com:	1.	S. Eu.	
VALERIANA,	VALERIAN.	3. 1.					
celtica.	Celtic		w.	June Com:	1.	Switz.	
dioica.	Marsh		f.	—	1.	Britain.	
montana.	Mountain		l.r.	May	1.	Austria.	
officinalis.	Officinal		f.	June	3.	Europe.	
Phu.	Garden		w.	—	—	Germany.	
pyrenaica.	Pyrenean		f.	—	—	Pyrenees.	
rubra.	Red		r.	May	2.	S. Eu.	
— var: alba.	— White Variety		w.	—	—	—	
ruthenica.	Russian		y.	July	1.	Siberia.	
tripteris.	Three-leaved		w.	April	—	Switz.	
tuberosa.	Tuberous		l.r.	—	1.	S. Eu.	
VERATRUM,	VERATRUM.	23. 1.					
album.	White Hellebore.		l.y.	Aug: P.L.	5.	Europe.	
— viride flo:	— Green-flowered		g.	—	—	N. Am.	
luteum.	Yellow		y.	July	1.	—	
nigrum.	Dark-flowered		d.p.	June	3.	Siberia.	
VERBASOUM,	MULLEIN.	5. 1.					
ferrugineum.	Rusty		br.	July P.L.	3.	S. Eu.	
myconi.	Borage-leaved		d.p.	June	1.	Pyrenees.	
ovalifolium.	Oval-leaved		y.	July	1.	Caucasus.	
phoeniceum.	Purple-flowered		p.	July	3.	S. Eu.	
* pinnatifidum.	Winged-leaved		y.	May	1.	Greece.	
VERBENA,	VERVAIN.	14. 2.					
carolineana.	Carolina		w.	July Com:	6.	N. Am.	
hastata.	Halberd-leaved		b.	—	5.	—	
officinalis.	Officinal		l.p.	—	2.	Europe.	
urticifolia.	Nettle-leaved		b.	Aug:	3.	N. Am.	
VERONICA,	SPEEDWELL.	2. 1.					
Allionii.	Shining-leaved		p.	July Com.	1.	S. Eu.	
alpina.	Alpine		b.w.	June	1.	Scotland.	
aphylla.	Naked-stalked		b.	—	1.	Switz.	
austriaca.	Austrian		l.b.	July	1.	Austria.	
Bellidioides.	Daisy-leaved		b.	June	1.	Switz.	
candida.	Whitened		—	July	1.	Siberia.	
Chamedrya.	Germander-leaved		—	June	1.	Britain.	
fruticulosa.	Shrubbyish		f.	July	—	Scotland.	
* Gentianoides.	Gentian-leaved		d.b.	May	2.	Levant.	
hybrida.	Welsh		b.	July	1.	Wales.	
incana.	Hoary		d.b.	Aug:	1½.	Russia.	
inscisa.	Cut-leaved		b.	July	2.	Siberia.	
laciniata.	Jagged-leaved		—	June	—	—	
latifolia.	Broad-leaved		w.b.	—	1.	Austria.	
maritima.	Sea Blue		b.	July	2.	Russia.	
— flo: albo.	— White		w.	—	—	Europe.	
— flo: incarnato.	— Flesh		f.	—	—	—	
montana.	Mountain		st.	June	1.	—	
* multifida.	Fine-cut-leaved		l.b.	July	1.	Britain.	
orientalis.	Oriental		—	—	—	Austria.	
officinalis.	Officinal		—	May	—	Levant.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
VERONICA,	SPEEDWELL.	2. 1.					
pinnata.	Winged-leaved	b.	July	Com:	1.	Siberia.	
saxatilis.	Rock	d.b.	June	—	1.	Switz.	
sibirica.	Siberian	b.	July	—	3.	Siberia.	
spicata.	Upright	b.	—	—	2.	Britain.	
spuria.	Bastard	l.b.	May	—	2.	Germany	
Tenacrum.	Hungarian	l.b.	July	—	2.	Hungary	
virginica.	Virginian	w.	Aug:	—	5.	N. Am.	
— fl: incarnato.	— Flesh-colored	f.	—	—	1.	—	
urticifolia.	Nettle-leaved	f.	June	—	1.	Austria.	
VESTICARIA,	VESTICARIA.	15. 1.					
atriculata.	Smooth	l.y.	May	S.L.	1.	Levant.	
Viola,	Viola.	17. 4.					
casubica.	Cassubian	l.b.	June	Com:	3.	Germany	
cracca.	Tufted	d.p.	—	—	2.	Britain.	
dumetorum.	Great Wood	p.	May	—	1.	N. Eu.	
sylvatica.	Common Wood	w.b.	July	—	6.	Britain.	
VIOLA,	VIOLA.	19. 6.					
blanda.	Whitish-flowered	w.	June	P.L.	1.	N. Am.	
biflora.	Two-flowered	y.	May	—	—	Alps.	
calcarata.	Spurred	l.b.	June	—	—	—	
canadensis.	Canadian	—	May	—	—	N. Am.	
canina.	Dog's	—	April	—	1.	Britain.	
centaia.	Alpine	b.	July	—	1.	Alps.	
cornuta.	Horned	b.	May	—	—	Pyrenees.	
cuculata.	Hollow-leaved	b.	July	—	2.	N. Am.	
grandiflora.	Large-flowered	d.b.	June	—	1.	Britain.	
— fl: lateo.	— Yellow	y.	—	—	—	—	
— fl: maculato.	— Spotted	y.b.	—	—	—	—	
hirta.	Hairy	l.b.	May	—	—	Europe.	
hastata.	Halberd-leaved	p.	—	—	—	N. Am.	
lactea.	Cream-coloured	l.y.	April	—	—	Britain.	
lanceolata.	Spear-leaved	w.	June	—	1.	N. Am.	
lutea.	Yellow Mountain	y.	—	—	—	Britain.	
mirabilis.	Broad-leaved	l.b.	Aug:	—	—	Germany	
montana.	Mountain	—	June	—	1.	Alps.	
obliqua.	Oblique-flowered	y.b.	May	—	1.	N. Am.	
odorata cor:	Sweet Blue	d.b.	April	—	1.	Europe.	
— fl: pleno cor:	— Double Blue	—	—	—	—	—	
— fl: albo.	— White	w.	—	—	—	—	
— fl: pleno albo.	— Double White	—	—	—	—	—	
— fl: pl: purp:	— Double Purple	y.	—	—	—	—	
palmata.	Palmated	p.	June	—	—	N. Am.	
palustris.	Marsh	l.b.	—	—	—	Britain.	
pedata.	Bird's-foot	b.	May	—	—	N. Am.	
pubescens.	Downy	—	—	—	1.	N. Am.	
striata.	Striped-flowered	st.	—	—	—	—	
UVULARIA,	UVULARIA.	2. 1.					
amplexifolia.	Heart-leaved	w.	May	P.L.	1.	S. Eu.	
lanceolata.	Spear-leaved	y.	July	—	1.	N. Am.	
perfoliata.	Perfoliate	w.	May	—	1.	—	
sessilifolia.	Sessile-leaved	l.y.	—	—	—	—	

GRASSES, &c.

Under this Section are enumerated such Plants, as well as Grasses, which may come into the rural economy of the Agriculturist. Many of them are Annuals, but mostly Perennials. The indicative mark of which, a. where annual, stands at the head of the line. All the Grasses, here named, are natives of Britain; or if not indigenous, have now become Denizens.

DIVISION I.—SECTION VI.

		Cl.	Or.	Flow.	Soll.	Hgt.	Use.
	BENT-GRASS.	3.	2.				
AGROSTIS,	Marsh			July	M.S.	1.	<i>Meadow.</i>
alba.				June	—	3.	<i>Thatch.</i>
arundinacea.	Reedy			July	S.L.	2.	<i>Meadow.</i>
a. canina.	Brown			—	—	1.	—
capillaris.	Finest			—	R. M.	3.	—
miliacea.	Millet			April	S.L.	1.	<i>Pasture.</i>
a. minima.	Smallest			July	—	1.	—
— panicea.	Bearded			May	—	1.	—
pumila.	Dwarf			—	—	1.	—
rubra.	Red			July	—	4.	<i>Meadow.</i>
a. spica-venti.	Silky			—	H.L.	1.	—
stolonifera.	Creeping			—	M.S.	—	—
sylvatica.	Wood						
	HAIRY-GRASS.	3.	2.				
AIRA,	Turfy			Aug.	M.S.	3.	<i>Meadow.</i>
coespitosa.				July	S.L.	1.	—
canescens.	Grey			Aug.	—	1.	—
a. caryophyllea.	Silver			—	—	1.	—
flexuosa.	Heath			—	—	1.	—
montana.	Alpine			—	—	1.	—
a. præcox.	Early			June	M.S.	1.	<i>Pasture.</i>
	FOXTAIL-GRASS.	3.	2.				
AEOPHURUS,	Field			July	S.L.	1 1/2.	<i>Meadow.</i>
agrestis.				May	—	1.	—
alpinus.	Alpine			July	M.S.	1.	—
bulbosus.	Bulbous			—	—	2.	—
geniculatus.	Flote			—	S.L.	1.	—
a. panicus.	Hairy			May	H.L.	2.	—
pratensis.	Meadow						
	VERNAL-GRASS.	3.	2.				
ANTHOXANTHUM,	Sweet			May	H.L.	1.	<i>Meadow.</i>
odoratum.							
	REED.	3.	2.				
ARUNDO,				June	Sand	2.	<i>Embanking.</i>
arenaria.	Sand			July	M.S.	4.	<i>Thatching.</i>
Calamagrostis.	Wood						

		Cl. Or.	Flow.	Soil.	Hgt.	Use.
ARUNDO,	REED.	3. 2.				
epigeos.	Small		July	M.S.	2.	Thatching.
phragmites.	Common		Aug:	—	6.	—
AVENA,	OAT-GRASS.	3. 2.				
elatior.	Tall		July	M.S.	3.	Meadow.
a. fatua.	Wild or Haver		Aug: Com:	4.	—	—
flavescens.	Yellow		July	H.L.	1.	—
a. nuda.	Naked		June	R.M.	2.	Grain.
pratensis.	Meadow		July	H.L.	1.	Meadow.
pubescens.	Soft		June	S.L.	1½.	—
a. sativa alba.	Cultivated		—	R.M.	3.	Grain:
— fusa.	— Red		—	—	—	—
— nigra.	— Black		—	—	—	—
— polonica.	— Poland		—	—	2.	—
— sibirica.	— Tartarian		July	—	3.	—
— sterilis.	Great Wild		—	Com:	4.	Meadow.
BRIZA,	QUAKING-GRASS.	3. 2.				
media.	Common		June	H.L.	2.	Meadow.
BROMUS,	BROME-GRASS.	3. 2.				
a. arvensis.	Corn		July	Com:	3.	Meadow.
madritensis.	Madrid		May	—	2.	—
a. mollis.	Soft		—	—	—	—
— pinuatus.	Spiked		July	H.L.	3.	—
— racemosus.	Smooth		June	—	2.	—
— secalinus.	Field		July	Com:	—	—
— squarrosus.	Corn		—	—	3.	—
— sterilis.	Barren		—	—	2.	—
CYNOSURUS,	DOG'S-TAIL-GRASS.	3. 2.				
corulens.	Blue		April	H.L.	½.	Meadow.
cristatus.	Crested		Aug:	S.L.	2.	—
a. echinatus.	Rough		July	—	2.	—
DACTYLIS,	COCK'S-FOOT-GRASS.	3. 2.				
glomerata.	Rough		June	H.L.	2.	Meadow.
stricta.	Smooth		July	M.S.	2.	—
ECTYPUS,	LYME-GRASS.	3. 2.				
europeus.	Wood		June	S.L.	2.	Meadow.
ERIOPHORUM,	COTTON-GRASS.	3. 1.				
alpinum.	Alpine		July	S.L.	½.	Pasture.
angustifolium.	Narrow-leaved		May	M.S.	1.	Meadow.
polystachion.	Broad-leaved		—	—	—	—
vaginatum.	Hare's-tail		April	—	—	—
FESTUCA,	FESCUE-GRASS.	3. 2.				
a. Bromoides.	Barren		June	S.L.	½.	Meadow.
duriuscula.	Hard		—	—	1.	—
elatior.	Taller		—	M.S.	1½.	—
gigantea.	Gigantic		July	—	5.	—
loliacea.	Spiked		June	—	3.	—
a. Myurus.	Wall		—	S.L.	1.	—
ovina.	Sheep's		—	S.L.	½.	—
pratensis.	Meadow		—	H.L.	1½.	—
rubra.	Creeping		July	—	1.	—
vivipara.	Viviparous		—	S.L.	½.	—

		Cl. Or.	Flow.	Soil.	Hgt.	Use.
		23.	1.			
HOLCUS,	SOFT-GRASS.					
lanatus.	Woolly	June	H.L.	3.	Meadow.	
mollius.	Creeping	July	—	2.	—	
HORDEUM,	BARLEY.	3.	2.			
a. distichon.	Common	July	R.M.	3.	Grain.	
— hexastichon.	Winter	—	—	—	—	
— maritimum.	Squirrel-tail Grass.	June	M.S.	1.	Meadow.	
— murinum.	Way Bennet.	May	S.L.	1½.	—	
— pratense.	Meadow	June	H.L.	2.	—	
a. vulgare.	Spring	July	R.M.	3.	Grain.	
— Zeocriton.	Battledore or Sprat	—	—	2.	—	
LOLIUM,	DARNEL.	3.	1.			
perenne.	Ray-Grass	May	H.L.	3.	Meadow.	
— Varietas.	— Pacey's R. G.	—	—	—	—	
a. tremulentum.	Annual Bearded	July	—	4.	—	
— arvense.	— Beardless A.	—	—	—	—	
MELICA,	MELIC-GRASS,	2.	2.			
ciliata.	Ciliated	July	S.L.	3.	Meadow.	
nutans.	Mountain	Aug:	—	1½.	—	
MILVUM,	MILLET-GRASS.	3.	2.			
effusum.	Common	May	M.S.	3.	Meadow.	
a. lendigerum.	Yellow-spiked	July	S.L.	4.	—	
NARDUS,	MATT-GRASS.	3.	1.			
stricta.	Common	June	M.S.	3.	Meadow.	
PANICUM,	PANIC-GRASS.	3.	2.			
Crus-galli.	Cock's-foot	July	S.L.	2.	Meadow.	
Dactylon.	Fingered	Aug:	—	1.	—	
a. verticillatum.	Rough	July	—	1½.	—	
viride.	Green	—	—	1.	—	
PHALARIS,	CANARY-GRASS.	3.	2.			
a. aranaria.	Sea	June	S.L.	4.	Meadow.	
— canariensis.	Common	—	R.M.	2.	Seed.	
— Phleoides.	Cat's-tail	—	S.L.	1.	Meadow.	
PHLEUM,	CAT'S-TAIL-GRASS.	3.	2.			
alpinum.	Alpine	July	H.L.	1.	Meadow.	
— pratense.	Timothy-Grass.	—	M.S.	2.	—	
POA,	MEADOW-GRASS.	2.	2.			
a. alpina.	Alpine	June	S.L.	4.	Meadow.	
— annua.	Annual	April	H.L.	4.	—	
— bubosa.	Bulbous	July	—	1.	—	
— compressa.	Flat-stalked	Aug:	S.L.	—	—	
— decumbens.	Decumbent	July	H.L.	—	—	
— distans.	Reflex'd	—	—	1½.	—	
— flexuosa.	Zig-zaged	—	—	4.	—	
— maritima.	Sea-creeping	July	M.S.	1.	—	
— nemoralis.	Wood	June	H.L.	2.	—	
— pratensis.	Smooth-stalked	—	S.L.	1½.	—	
a. procumbens.	Procumbent	July	H.S.	4.	—	
— rigida.	Hard	—	S.L.	—	—	
— trivialis.	Common	—	H.L.	2.	—	
ROTTBOELLIA,	HARD-GRASS.	3.	2.			
a. incurvata.	Sea	July	M.S.	4.	Meadow.	

		Cl. Or.	Flw.	Stk.	Hgt.	Use.
	SECALE,					
a.	ceriale.					
	—					
	TRITICUM,					
a.	estivum.					
	caninum.					
a.	hybernum.					
	2. —					
	3. —					
	4. —					
	5. —					
	compositum.					
	foliolosum.					
	monococcum.					
	repens.					
a.	Spelta.					
	RYE.					
	Manured Winter					
	Spring					
	WHEAT.					
	Summer					
	Fibrous					
	Winter					
	Red-beardless					
	White-beardless					
	Red-bearded					
	Poland					
	Many-spiked					
	Spiked Sea					
	St. Peter's Corn.					
	Couch-Grass.					
	Spelt					

PLANTS USED FOR AGRICULTURAL PURPOSES, &c.

The greater number of these are either Annual or Biennial.—The Biennials have b. at the head of the line.

	BETA,					
b.	Cicla max:					
	—					
	BRASSICA,					
b.	Napus.					
—	oleracea max:					
—	var:					
—	Rapa.					
—	2. —					
—	3. —					
—	4. —					
—	5. —					
—	6. —					
—	7. —					
—	8. —					
	CANNABIS,					
a.	sativa.					
	CARUM,					
b.	Carui.					
	CROCUS.					
	antivus.					
	DARBUS,					
b.	Carota.					
	ERVUM,					
a.	Ervilla.					
—	hirsutum.					
	BEST.					
	Mangel Wurtzel					
	CABBAGE,					
	Rape or Coleseed					
	Drumhead					
	Flat Dutch					
	White Round Turnip.					
	— Tankard Turnip.					
	Red Round Turnip.					
	— Tankard Turnip.					
	Green Round Turnip.					
	Yellow Scotch Turnip.					
	Swedish White Turnip.					
	— Yellow Turnip.					
	HAMP.					
	Common					
	CARAWAY.					
	Common					
	CROCUS.					
	Saffron					
	CARROT.					
	Common Garden					
	TARE.					
	Official					
	Hairy					

		Cl. Or.	Flow. Soil.	Hgt.	Use.
ERVUM,	TARE.	17. 4.			
a. Lens.	Lentil.		May R.M.	1.	Seed.
— tetrasperma.	Smooth		June H.L.	1½.	Feed.
HEDYSARUM,	HEDYSARUM.	17. 4.			
— Onobrychis.	Saint Foin.		July S.L.	2.	Feed and Hay.
HUMULUS,	HOP.	22. 5.			
— Lupulus.	Common		July R.M.	15.	Brewing.
LATHYRUS,	LATHYRUS.	17. 4.			
— pratensis.	Meadow Vetchling.		June Com:	3.	Hay and Feed.
LINUM,	FLAX.	5. 5.			
a. usitatissimum.	Common		July R.M.	2.	Thread & Seed.
LOTUS,	BIRD'S-FOOT TREFOIL.	17. 4.			
— corniculatus.	Common		June Com:	1½.	Feed and Hay.
— rectus.	Upright		July	3.	—
MEDICAGO,	MEDICK.	17. 4.			
— falcata.	Yellow		June Com:	3.	Feed and Hay.
a. lupulina.	Hop or Nonsuch.		—	1.	—
— Sativa.	Lucerne		—	R.M. 2.	—
PISUM,	PEA.	17. 4.			
a. sativa.	Charlton		June R.M.	3.	Green & Seed.
— 2. —	Grey Rounceval		July	5.	—
— 3. —	Marrowfat		Aug:	3.	—
— 4. —	Prussian Blue		July	—	—
PLANTAGO,	PLANTAIN,	4. 1.			
— lanceolata.	Rib-Grass		June Com.	½.	Sheep Pasture.
— major.	Greater		—	1.	—
POLYGONUM,	BUCK WHEAT.	8. 3.			
a. Fagopyrum.	Cultivated		July S.L.	3.	Grain.
POTERIUM,	BURNET.	21. 7.			
— Sangulisorba.	Less or Upland		April S.L.	1½.	Feed.
RESEDA,	RESEDA.	11. 3.			
b. Luteola.	Dyer's Weed		June S.L.	2.	Dying.
RHEUM,	RHUBARB.	9. 2.			
— palmatum.	Officinal		April R.M.	6.	Medical.
RUBIA,	MADDER:	4. 1.			
— tinctorum.	Dyer's		June S.L.	4.	Dying.
SINAPIS,	MUSTARD.	15. 2.			
a. alba.	White		June Com:	3.	Seed.
— nigra.	Brown		—	4.	—
SOLANUM,	SOLANUM.	5. 1.			
— tuberosum.	Potatoe White		July R.M.	3.	Food.
— 2. —	Blackmoor		—	—	—
— 3. —	Champion		—	—	—
— 4. —	Early Manly		—	1.	—
— 5. —	Ox Noble		—	3.	—
— 6. —	Red Winter		—	—	—
— 7. —	Red-nose Kidney		—	—	—
— 8. —	White Kidney		—	—	—
TRIFOLIUM,	TREFOIL.	17. 4.			
a. filiforme.	Least Hop		June Com:	½.	Pasture.
— officinale alb:	Siberian Melilot.		—	S.L. 1.	—
b. pratense.	Com: Red Clover.		July H.L.	2.	Feed and Hay.

		Cl. Or.	Flw.	Soil.	Hgt.	Use.
TRIFOLIUM,	TREFOIL.	17. 4.				
<i>a.</i> pratense var:	Cow Grass.	July	H.L.	2.	Feed and Hay.	
procumbens.	Procumbent Hop	June	S.L.	1.		
repens.	White Dutch Clover.	May	Com:	4.	Pasture.	
VICIA,	VETCH.	17. 4.				
Cracca.	Tufted	Aug:	M.S.	4.	Feed.	
<i>a.</i> Faba Hort:	Garden Bean.	June	H.L.	5.	Seed & Green.	
— equina.	Horse Bean.			4.		
— Lathyroides.	Spring	May		1½.	Feed.	
sativa.	Common	June		3.		
sepium.	Bush			2.		
<i>a.</i> ZEA,	INDIAN CORN.	21. 3.				
Mays.	Common	July	S.L.	6.	Feed and Seed.	

BULBOUS-ROOTED PLANTS.

DIVISION I.—SECTION VII.

		Cl. Gr.	Color.	Flow.	Soil.	Hgt.	Country
ALLIUM,	GARLICK,	6, 3,					
Ampeloprasium.	Great Round-headed	l.p.	July	Com:	1.	England.	
angulosum.	Angular-stalked	—	May	—	1.	Siberia.	
ascalonicum.	Eschalot	p.	June	R.M.	1.	Palestine.	
canadense.	Tree Onion.	w.	—	—	2.	N. Am.	
carinatum.	Mountain	st.	May	Com:	4.	England.	
Chamae-Moly.	Dwarf Moly.	—	Mar:	—	1.	Italy.	
descendens.	Purple-headed	r.	June	—	2.	—	
flavum.	Sulphur-colored	y.	July	—	1.	Austria.	
inodorum.	Carolina	p.	April	—	2.	N. Am.	
lineare.	Linear-leaved	p.	July	—	1.	Siberia.	
Moly.	Yellow Moly	y.	June	—	2.	S. Eu.	
nigrum.	Broad-leaved	w.	July	—	2.	—	
nutans.	Flat-stalked	r.	June	—	1.	Siberia.	
obliquum.	Oblique-leaved	y.	July	—	2.	—	
paniculatum.	Panicked	p.	—	—	2.	Italy.	
roseum.	Rose-coloured	d.p.	June	—	1.	S. France.	
Sativum.	Common	w.	—	R.M.	1 1/2.	Sicily.	
Schœnoprasum.	Chive.	l.p.	—	—	1.	Britain.	
Scorodoprasum.	Rocambole.	—	July	Com:	3.	N. Eu.	
senescens.	Narcissus-leaved	w.	June	—	1.	Germany.	
sibiricum.	Siberian	st.	July	—	1.	Siberia.	
Sphærocephalon.	Small Round-headed	r.	June	—	2.	Italy.	
tartaricum.	Tartarian	w.	July	—	1 1/2.	Siberia.	
triccoccum.	Three-seeded	—	—	—	—	N. Am.	
Victorialis.	Long-rooted	l.g.	June	—	1 1/2.	Switz.	
ursinum.	Ramsons.	w.	May	—	1.	N. Eu.	
AMARYLLIS,	AMARYLLIS.	6. 1.					
* Atamaso.	Atamasco Lily	w.	June	S.P.	1.	N. Am.	
* Belladonna.	Belladonna Lily	f.	July	P.L.	2.	C. G. H.	
lutea.	Yellow	y.	Oct:	S.L.	1.	S. Eu.	
ANEMONE,	ANEMONE.	13. 5.					
coronaria.	Com: Single or Poppy	car.	May	R.M.	1.	Levant.	
— flo: pleno.	Double	—	—	—	1 1/2.	—	
	[The varieties of Poppy and double Anemones, amount to 30 or more of each.]						
BULBODIUM,	BULBODIUM.	6. 1.					
* vernum.	Spring	d.b.	April	S.P.	1.	Spain.	

		Cl. Or.	Color.	Flow.	Soil.	Hgt.	Country.
COLCHICUM,	MEADOW SAFFRON. 6. 1.						
autumnale rubi.	Common Red	r.	Oct:	P.L.	½.	Europe.	
— flo: albo.	— White	w.	—	—	—	—	
— flo: pleno.	— Double	l.r.	—	—	—	—	
— flo: variegato.	— Striped-flowered	st.	—	—	—	—	
— fol: variegatis.	— Striped-leaved	l.r.	—	—	—	—	
CROCUS,	CROCUS. 3. 1.						
autumnalis.	Autumn	l.b.	Oct:	Com:	½.	S. Eu.	
sativus.	Saffron	—	—	—	—	—	Asia.
verbus.	Spring	y.	Mar:	—	—	Europe.	
	[Of this species there are 30 varieties.]						
CYCLAMEN,	CYCLAMEN. 5. 1.						
coum.	Spring	r.	Mar:	S.P.	½.	S. Eu.	
eupræum.	Autumn Red	l.r.	Oct:	—	½.	Austria.	
— flo: albo.	— White	w.	—	—	½.	—	
ERYTHRONIUM,	DOG'S-TOOTH VIOLET. 6. 1.						
Dens-canis.	Common Red	p.	Mar:	P.L.	½.	Italy.	
— flo: albo.	— White	w.	—	—	—	—	
— flo: flavo.	— Yellow	y.	June	—	—	N. Am.	
FRITILLARIA,	FRITILLARY. 6. 1.						
imperialis.	Crown Imperial Red	d.r.	April	Com:	4.	Levant.	
— flo: pleno.	— Double Red	—	—	—	—	—	
— major.	— Large Red	—	—	—	—	—	
— flo: luteo.	— Yellow	y.	—	—	—	—	
— pleno.	— Double Yellow	—	—	—	—	—	
— fol: variegatis.	— Striped-leaved	—	—	—	—	—	
latifolia.	Broad-leaved	r.	—	—	—	—	
— lutea.	— Yellow	y.	—	—	—	—	
Meleagris.	Common	st.	—	—	½.	Britain.	
	[The varieties of this species are about 20.]						
persica.	Persian	d.p.	May	—	1½.	Persia.	
— racemosa.	— Branching Persian	—	—	—	1.	—	
pyrenaica.	Pyrenean	—	—	—	1½.	S. Eu.	
FUMARIA,	FUMITORY. 17. 2.						
bulbosa.	Bulbous-rooted	p.w.	Mar:	Com:	½.	Britain.	
— cava.	— Hollow-rooted	—	—	—	—	—	
cucullaria.	Naked-stalked	w.	June	S.P.	½.	N. Am.	
GALANTHUS,	SNOWDROP. 6. 1.						
nivalis.	Common Single	w.	Feb:	Com:	½.	Britain.	
— flo: pleno.	— Double	—	—	—	—	—	
GLADIOLUS,	CORN FLAG. 3. 1.						
byzantinus.	Turkish Red	r.	June	S.P.	2.	Turkey.	
— flo: albo.	— White	w.	—	—	—	—	
communis.	Common	r.	—	—	—	S. Eu.	
— flo: albo.	— White	w.	—	—	—	—	
HELLEBORUS,	HELLEBORE. 13. 5.						
hyemalis.	Winter Aconite.	y.	Jan:	Com:	½.	Italy.	
HYACINTHUS,	HYACINTH. 6. 1.						
botryoides cœr:	Grape Blue	b.	May	S.L.	2.	S. Eu.	
— flo: pallido.	— Pale Blue	l.b.	—	—	—	—	

		Cl.	Or.	Color.	Flow.	Soll.	Hgt.	Country.
HYACINTHUS,	HYACINTH.	6. 1.						
— flo: carneo.	Grape Flesh-color	f.	May	S.L.	1.	S. Eu.		
— flo: albo.	— White	w.	—	—	—	—		
— comosus.	— Coxcomb	b.	—	—	—	—		
— monstrosus.	— Feathered	—	—	—	—	—		
— racemosus.	— Branching	—	—	—	—	—		
Muscari.	Musk Grape	g.	—	—	—	1.	Levant.	
nonscriptus.	Hairbell's Blue.	b.	April	—	—	1.	Britain.	
— flo: albo.	— White	w.	—	—	—	—		
— flo: carneo.	— Flesh	f.	—	—	—	—		
orientalis.	Garden	—	Mar:	R.M.	1.	Levant.		
	[Of this species there are more than 100 fine varieties of single, and as many of double named sorts.]							
• romanus.	Roman Grape	w.	May	—	—	1.	Italy.	
• serotinus.	Late-flowering	b.	June	Com:	—	1.	Spain.	
IRIS,	IRIS.	3. 1.						
persica.	Persian	st.	April	S.L.	1.	Persia.		
• tuberosa.	Snake's-head	br.	—	—	—	1.	Levant.	
Mythioides.	Great or Spanish Bulb:	b.	June	—	—	2.	Spain.	
	[There are 25 varieties or more of this species, most beautiful.]							
Xyphium.	Small Bulboes	b.	June	S.L.	1½.	S. Eu.		
	[There are 15 varieties or more of this species.]							
IRIS,	IRIS.	3. 1.						
• Bulbocodium.	Crocus-leaved	p.	Mar:	P.L.	1.	Alps.		
LEUCOIUM,	SNOW-FLAKE.	6. 1.						
æstivum.	Summer	w.	June	S.L.	1½.	S. Eu.		
autumnale.	Autumn	—	Sept:	—	—	1.	Portugal.	
vernum.	Spring	—	Mar:	—	—	1.	Italy.	
LILIUM,	LILY.	6. 1.						
bulbiferum.	Bulb-bearing	o.	June	P.L.	2.	Austria.		
— ardens.	— Fiery	dr.	—	—	—	1½.	—	
camchatcense.	Kamschatka	—	May	—	—	1.	Russia.	
canadense.	Canada	l.o.	Aug:	—	—	4.	Canada.	
— penduliflorum.	— Drooping-flowered	—	—	—	—	4.	N. Am.	
— superbum.	— Superbe	—	—	—	—	6.	—	
candidum.	Common White	w.	July	R.M.	3.	Levant.		
— flor: pleno.	— Double-flowered	—	—	—	—	—		
— flor: striato.	— Striped-flowered	st.	—	—	—	3.	—	
— fol: variegatis.	— Striped-leaved	w.	—	—	—	—		
Catesbæi.	Catesby's	o.	Aug:	P.L.	1.	N. Am.		
chaicedonicum.	Scarlet Martagon	r.	June	—	—	4.	Levant.	
• concolor.	Self-colored	—	May	—	—	2.	Japan.	
Martagon.	Purple Martagon	p.	July	Com:	3.	Germany.		
— flo: pleno.	— Double	—	—	—	—	—		
— flo: albo.	— White	w.	—	—	—	—		
— flo: maculato.	— Spotted-flowered	st.	—	—	—	—		

LILIUM,		LILY.		Cl. Or. Color. Flow. Soil. Hgt. Country.				
				6. 1.				
pensylvanicum.	Pennsylvanian	l.e.	Aug: R.L.	5.	N. Am.			
philadelphicum.	Philadelphian	r.	June	—	2.	Siberia.		
pomponium.	Pomponian	d.r.	—	—	2.	—		
— flo: coccineo.	— Scarlet-flowered	y.	—	—	—	—		
— flo: luteo.	— Yellow-flowered	o.	July	—	6.	China.		
tigrinum.	Tiger-spotted	—	Aug:	—	1.	N. Am.		
uniflorum.	One-flowered							
NARCISSUS,	NARCISSUS.			6. 1.				
angustifolius.	Narrow-leaved	w.	May Com:	1.	S. Eu.			
* autumnalis.	Autumnal	w.g.	Sept: S.L.	1.	Spain.			
bicolor.	Butter and Eggs	—	April Com:	1.	S. Eu.			
— major.	— Great B: and E:							
biflorus.	Two-flowered	w.	—	—	Britain.			
* Bulbocodium.	Hoop-Petticoat	y.	May S.L.	1.	Portugal.			
compressus.	Flat-stalked	i.g.	— Com:	1.	S. Eu.			
incomparabilis.	Peerless Daffodil.	y.	—	—	—			
Jonquilla.	Jonquill.	—	— R.M.	1.	Spain.			
— pleno.	— Double							
lætus.	Great Jonquill.	—	—	—	1.	S. Eu.		
minor.	Small	—	April S.L.	1.	Spain.			
odorus.	Sweet-scented	y.	May Com:	1.	Portugal.			
* orientalis.	Paper White	w.	—	—	1.	Levant.		
* — flo: pleno.	— Double Italian							
* — bicolor.	— Double Roman	w.g.	—	—	—			
Poeticus.	Poet's	w.	—	—	Europe.			
— flo: pleno.	— Double							
Pseudo-narcissus.	Common Daffodil	y.	Mar: —	1.	Britain.			
* Tazetta.	Polyanthos	var.	April S.L.	1.	Spain.			
[Of this species there are many fine varieties, by name, in the Dutch Catalogues, and imported annually.]								
* tenuifolius.	Slender-leaved	w.	May S.L.	1.	Spain.			
tenuiflor.	Slender	i.y.	— Com:	1.	S. Eu.			
* triandrus.	Three-chived	w.	— S.L.	1.	Spain.			
trilobus.	Three-lobed	y.	—	1.	S. Eu.			
OPHRYS,	OPHRYS.			20. 1.				
apifera.	Bee	br.	June H.L.	1.	Britain.			
muscifera.	Fly							
ovata.	Tway-blade	g.	—	—	1.	—		
ORCHIS,	ORCHIS.			20. 1.				
bifolia.	Butterfly	w.	June H.L.	1.	Britain.			
conopsea.	Aromatic	r.	—	—	1.	—		
maculata.	Spotted	st.	—	—	1½.	—		
militaris.	Man	d.p.	—	—	1.	—		
pyramidalis.	Pyramidal	i.p.	—	—	1½.	—		
ORNITHOGALUM,	STAR of BETHLEHEM.			6. 1.				
comosum.	Short-spiked	w.	July P.L.	1.	Austria.			
lateum.	Yellow	y.g.	April S.L.	1.	Britain.			
natans.	Neapolitan	w.g.	— Com:	2.	Italy.			

		Cl.	Or.	Color.	Flow.	Soil.	Hgt.	Country.
ORNITHOGALUM, STAR OF BETHLEHEM. 6. 1.								
pyramidale.	Pyramidal	w.	June	R.M.	2.	Portugal.		
pyrenaicum.	Pyrenean	st.	—	Com:	2.	Pyrenees.		
stachyoides.	Close-spiked	l.y.	April	—	2½.	S. Eu.		
striatum.	Striped-flowered	w.g.	May	P.L.	1.	Siberia.		
umbellatum.	Common	—	April	Com:	1.	Britain.		
* uniflorum.	One-flowered	y.g.	June	S.P.	½.	Siberia.		
OXALIS, WOOD SORREL. 10. 5.								
Acetosella.	Common	st.	May	Com:	½.	Britain.		
corniculata.	Small Yellow	y.	July	S.P.	½.			
stricta.	Upright American	—	—	—	½.	N. Am.		
* violacea.	Violet-colored	l.p.	June	—	½.			
PANCRATIUM. 6. 1.								
illyricum.	Illyrian	w.	June	S.P.	1½.	S. Eu.		
maritimum.	Sea	—	July	—	2.			
RANUNCULUS. 13. 7.								
asiaticus.	Persian or Garden	var.	June	R.M.	½.	Levant.		
[This species extends, in the number of its varieties, with double flowers, to upwards of 150.]								
BLOOD-WORT. 13. 1.								
SANGUINARIA, canadensis.	Canadian	w.	April	S.P.	½.	Canada.		
SCILLA, SQUILL. 6. 1.								
amœna.	Nodding	l.b.	April	P.L.	½.	Levant.		
autumnalis.	Autumnal	st.	Sept:	—	½.	Britain.		
bifolia.	Two-leaved	b.	Mar:	—	½.	Europe.		
— flo: albo.	— White-flowered	w.	—	—	—			
campanulata.	Bell-shaped	d.b.	May	—	1.	Spain.		
italica.	Italian	b.	—	—	½.	Italy.		
Lilio-Hyacinthus.	Lily-rooted	—	June	Com:	1.	S. Eu.		
— flo: pleno.	— White	w.	—	—	—			
* lusitanica.	Portugal	l.b.	May	P.L.	½.	Portugal.		
* peruviana.	Peruvian Blue	d.b.	June	R.M.	1.	Spain.		
— flo: albo.	— White	w.	—	—	—			
præcox.	Early-flowering	l.b.	Mar:	P.L.	½.			
sibirica.	Siberian	b.	June	—	½.	Siberia.		
verna.	Spring	l.b.	April	S.L.	½.	Britain.		
TRILLIUM. 6. 3.								
ceratum.	Drooping	br.	May	S.P.	½.	N. Am.		
erectum.	Upright	—	—	—	—			
grandiflorum.	White	w.	—	—	—			
sessile.	Sessile	br.	—	—	—			
TULIPA. 6. 1.								
Gesneriana.	Common Garden	car.	May	R.M.	2.	Levant.		
[Of this beautiful species, more than 500 varieties are named in some Catalogues.]								
suaveolens.	Van Thol	r.y.	Mar:	S.P.	½.	S. Eu.		
— flo: pleno.	— Double	—	—	—	—			
sylvestris.	Sweet Yellow	y.	—	S.L.	1.	Britain.		

AQUATICS, &c.

DIVISION I.—SECTION VIII.

		Cl. Or.	Color.	Flow.	Water.	Country.
ALISMA,	WATER PLANTAIN.	6. 5.				
Damasonium.	Star-headed		w.	July	Shallow.	Britain.
natans.	Floating		—	—	—	Europe.
Plantago.	Greater		br.	—	—	—
ranunculoides.	Lesser		lb.	Aug.	—	—
ANAGALLIS,	PIMPERNEL.	5. 1.				
tenella.	Bog		l.r.	July	Shallow.	Europe.
BUTOMUS,	FLOWERING RUSH.	9. 3.				
umbellatus.	Umbelled		f.	June	Shallow.	Europe.
CALLA,	CALLA.	20. 8.				
palustris.	Marsh		w.	July	Shallow.	Europe.
CERASTIUM,	MOUSE-EAR.	10. 5.				
aquaticum.	Water		w.	Aug.	Shallow.	Britain.
CERATOPHYLLUM,	HORN-WORT.	21. 8.				
demersum.	Prickly-seeded		g.	July	Shallow.	Britain.
CICUTA,	WATER HEMLOCK.	5. 2.				
virosa.	Long-leaved		l.g.	July	Shallow.	Britain.
EQUISETUM,	HORSE-TAIL.	24. 1.				
fluviatile.	River		r.	May	Shallow.	Britain.
palustre.	Marsh		—	June	—	—
HIPPURIS,	MARE'S-TAIL.	1. 1.				
vulgaris.	Common		r.	July	Shallow.	Europe.
HYDROCHARIS,	FROG-BIT.	22. 8.				
Morsus-ranæ.	Common		w.	June	Shallow.	Europe.
HYDROCOTYLE,	PENNY-WORT.	5. 2.				
vulgaris.	Common Marsh		l.r.	May	Shallow.	Europe.
HYDROPELTIS,	HYDROPELTIS.	13. 6.				
purpurea.	Purple		r.	Aug.	Shallow.	N. Am.
IRIS,	IRIS.	3. 1.				
Pseudacorus.	Yellow Water		y.	July	Shallow.	Europe.
LOBELIA,	LOBELIA.	19. 6.				
Dortmanna.	Water		lb.	Aug.	Shallow.	Britain.
MANYANTHES,	BUCK-BEAN.	5. 1.				
Nymphæoides.	Fringed		y.	July	Deep.	Britain.
trifoliata.	Common		w.r.	—	—	—
MYRIOPHYLLUM,	WATER MILFOIL.	21. 7.				
spicatum.	Spiked		lb.	June	Deep.	Britain.
verticillatum.	Whorled		—	—	—	—
NASTURTIIUM,	WATER-CRESS.	15. 2.				
officinale.	Common		w.	May	Shallow.	Britain.

		Cl. Or.	Color.	Flow.	Water.	Country.
NUPHAR, advena. lutea.	WATER LILY. Three-colored Yellow	13. 1.	g.	July	Deep.	Britain.
NYPHÆA, alba. odorata.	WATER LILY. White Sweet-scented	43. 1.	w.	July	Deep.	Britain. N. Am.
PHELLANDRIUM, aquaticum.	WATER HEMLOCK. Common	5. 2.	w.	June	Shallow.	Europe.
POA, aquatica. fluitans.	MEADOW-GRASS. Common Reed Floating	3. 2.	w.	Aug.	Shallow.	Europe.
POLYGONUM, amphibium. Hydropiper.	PERISCARIA. Amphibious Biting	8. 1.	r.	July	Shallow.	Europe.
PONTEDERIA, cordata.	PONTEDERIA. Heart-leaved	6. 1.	b.	June	Deep.	N. Am.
POTAMOGETON, densum. lucens. natans. pectinatum. perfoliatum.	POND-WEED. Close-leaved Shining-leaved Broad-leaved Fennel-leaved Perfoliate	4. 4.	l.g. br. g.y. br.	June — Aug. June	Deep. — — —	Britain. — — —
RANUNCULUS, aquatilis. — hederaceus.	CROWFOOT. Water — Ivy-leaved	13. 7.	w. w.g.	May	Deep.	Britain.
SAGITTARIA, sagittifolia.	ARROW-HEAD. Common	21. 7.	st.	July	Deep.	Europe.
SCIRPUS, fluitans. lacustris. triquetus.	CLUB-RUSH. Floating Bull Rush. Triangular	5. 1.	br.	Aug.	Shallow.	Britain.
STRATIOTES, aloides.	WATER SOLDIER. Common	22. 10.	w.	July	Deep.	Britain.
TRAPA, natans.	TRAPA. European	4. 1.	w.p.	July	Deep.	S. Eu.
VALLISNARIA, spiralis.	VALLISNARIA. Spiral { Male Femate	22. 2.	w. p.	June	Deep.	S. Eu.
VERONICA, Beccabunga. Anagallis.	SPEEDWELL. Brooklime Long-leaved Water	2. 1.	b. l.b.	May June	Shallow.	Britain.
UTRICULARIA, vulgaris. minor.	BLADDER-WORT. Common Small	2. 1.	o.p. l.y.	July	Deep.	Britain.

Although Aquatics or Marsh Plants, as such, do not in general enter into any part of Garden culture; yet, a selection of some of the handsomest perennial genera, and those chiefly which are natives of Britain, may be considered useful, to give, in some instances, a certain character to running or stagnant water, or uncultivated marsh: this list is intended, only, to offer a choice for such purpose; but not to indicate that the whole are cultivated at the Botanic Gardens.

		Cl. Or.	Color.	Flow.	Hgt.	Country.
ACORUS,	SWEET FLAG.	6. 1.	—	July	2.	Europe.
Calamus.	Common					
ANGELICA,	ANGELICA.	5. 2.	st.	July	6.	Britain.
sylvestris.	Wild					
ASTER,	STARWORT.	19. 2.				
Tripolium.	Sea		l.p.	Aug:	2.	Europe.
CAREX,	SEDGE.	21. 3.				
caespitosa.	Turfy		l.br.	May	1½.	Britain.
digitata.	Fingered					
dioica.	Small		br.	June	½.	
disticha.	Soft				1.	
elongata.	Elongated					
flava.	Yellow		d.y.			
muricata.	Great Prickly		br.			
paludosa.	Sharp				2.	
paniculata.	Panicled				3.	
præcox.	Vernal		l.br.	April	1.	
Pseudo-Cyperus.	Bastard			June	3.	
pulicaris.	Flea Grass.		br.		1½.	
riparia.	Common			April	2.	
stricta.	Stiff-leaved				1.	
vulpina.	Great			May	3.	
CINERARIA,	CINERARIA.	19. 2.				
palustris.	Marsh Flea-wort.		l.y.	July	3.	Britain.
COMARUM,	COMARUM.	12. 5.				
palustre.	Marsh Cinquefoil.		d.p.	June	2.	Europe.
CYPERUS,	CYPERUS.	3. 1.				
longus.	English Galengale.		br.	July	3.	Britain.
DIPSACUS,	TEASEL.	4. 1.				
pilosus.	Shepherd's-Staff.		w.	Aug:	4.	Europe.
GALIUM,	LADIES' BEDSTRAW.	4. 1.				
palustre.	White Water		w.	July	1.	Britain.
uglinosum.	Rough Marsh				1½.	
HOTTONIA,	WATER VIOLET.	5. 1.				
palustris.	Common		p.y.	July	1.	Britain.
HYPERICUM,	ST. JOHN'S WORT.	18. 4.				
clodes.	Marsh		o.	July	½.	Britain.
JUNCUS,	RUSH.	6. 1.				
acutus.	Great Sea		br.	July	6.	Europe.
compressus.	Lesser-jointed			June	3.	Britain.
conglomeratus.	Round-headed				2.	
effusus.	Common Soft			July	3.	
maritimus.	Small Sea				4.	Europe.
reflexus.	Bending Soft				2.	Britain.
squarrosus.	Goose Corn.			Aug:	1½.	
tenax.	Common Hard		l.b.	July	2.	
LITTORELLA,	SHOREWEED.	21. 4.				
lacustris.	Plantain		w.	July	½.	Europe.
MALVA,	MALLOW.	16. 6.				
sylvestris.	Common		r.	July	4.	Europe.
MYASITIS,	SCORPION GRASS.	5. 1.				
Scorpioides.	Marsh		b.y.	July	2.	Britain.

		Cl.	Or.	Color.	Flow.	Hgt.	Country.
CENANTHE,	WATER DROPWORT.	5.	2.				
<i>crocata.</i>	Hemlock			w.	June	4.	Britain.
<i>fistulosa.</i>	Common			—	—	2.	—
<i>pencedanifolia.</i>	Sulphurwort.			—	—	1½.	—
PEDICULARIS,	LOUSE-WORT.	14.	2.				
<i>palustris.</i>	Marsh			p.w.	July	1.	Britain.
<i>sylvatica.</i>	Common			p.	—	—	—
PINGUICULA,	BUTTERWORT.	2.	1.				
<i>lusitanica.</i>	Pale			l.y.	June	½.	Britain.
<i>vulgaris.</i>	Common			b.	May	—	—
RANUNCULUS,	CROWFOOT.	13.	7.				
<i>Ficaria.</i>	Pilewort			d.y.	March	½.	Britain.
<i>flammula.</i>	Lesser Spearwort.			y.	June	1.	—
<i>repens.</i>	Creeping			—	—	—	—
RUMEX,	DOCK.	6.	3.				
<i>aquaticus.</i>	Great Water			br.	July	4.	Britain.
<i>crispus.</i>	Curled-leaved			—	—	2.	—
<i>maritimus.</i>	Golden			y.	July	1.	—
<i>obtusifolius.</i>	Broad-leaved			w.	—	3.	—
<i>palustris.</i>	Yellow Marsh			l.y.	—	2.	—
SANOLUS,	BROOK-WEED.	5.	1.				
<i>Valerandi.</i>	Common			w.	July	½.	Europe.
SCHÆNUS,	BOG-RUSH.	3.	2.				
<i>albus.</i>	White-headed			w.	Aug:	½.	Britain.
<i>compressus.</i>	Flat-spiked			br.	July	—	—
<i>Mariscus.</i>	Long-rooted			d.b.	—	—	—
<i>nigricans.</i>	Black			d.br.	June	1.	—
SCIRPUS,	CLUB-RUSH.	3.	1.				
<i>acicularis.</i>	Needle			br.	Aug:	½.	Britain.
<i>cæspitosus.</i>	Sealy-stalked			—	July	—	Scotland.
<i>Holoschoenus.</i>	Round-headed			—	—	3.	Britain.
<i>maritimus.</i>	Salt Marsh			—	Aug:	2.	Europe.
<i>palustris.</i>	Marsh			—	—	1.	—
<i>sylvaticus.</i>	Wood			—	—	½.	—
SCROPHULARIA,	FIG-WORT.	14.	2.				
<i>aquatica.</i>	Water-Betony.			d.r.	June	4.	Britain.
SCUTELLARIA,	SCULL-CAP.	14.	1.				
<i>minor.</i>	Lesser			st.	July	½.	Europe.
SELINUM,	SELINUM.	5.	2.				
<i>palustre.</i>	Marsh			w.	July	4.	Britain.
SENECIO,	GROUNDSEL.	19.	2.				
<i>aquaticus.</i>	Marsh			y.	July	3.	Britain.
<i>paludosus.</i>	Bird's-tongue			—	June	5.	—
SONCHUS,	SOW-THISTLE.	19.	1.				
<i>palustris.</i>	Tall-Marsh			o.	July	6.	Britain.
TEUCRIUM,	GERMANDER.	14.	1.				
<i>Scordium.</i>	Water			f.	July	½.	Europe.
TRIGLOCHIN,	ARROW-GRASS.	6.	3.				
<i>maritimum.</i>	Sea			l.p.	July	1.	Europe.
<i>palustre.</i>	Marsh			g.p.	—	—	—

BIENNIALS.

Those Plants, of this Section, which are Esculent, have an *e.* at the head of the line.

DIVISION L.—SECTION IX.

		Cl.	Or.	Cult.	Prop.	Flow.	Soil.	Hgt.	Country.
AGROSTEMMA,	CAMPION.	10.	5.						
<i>coronaria.</i>	Rose			r.	Seed	June	Com:	3.	Italy.
— flo: albo.	— White			w.	—	—	—	—	—
— flo: pl: rub:	— Double Rose			r.	Cut: —	R.M.	1½.	—	—
Flos Jovis.	Umbelled			—	Seed —	Com:	—	—	Switz.
ALLIUM,	GARLICK.	4.	1.						
<i>e.</i> <i>Cepa.</i>	Common Onion.			w.	Seed	June	R.M.	3.	Europe.
— 2. —	Deptford Onion.			—	—	—	—	—	—
— 3. —	Globe Onion.			—	—	—	—	—	—
— 4. —	James's Keeping O:			—	—	—	—	—	—
— 5. —	Blood-red Onion.			—	—	—	—	—	—
— 6. —	Silver-skin'd Onion.			—	—	—	—	—	—
— 7. —	Strasburg Onion.			—	—	—	—	—	—
— 8. —	White Spanish O:			—	—	—	—	—	—
— Porrum.	Leeks.			l.p.	—	May	—	—	Switz.
ALTHÆA,	HOLLYHOCK.	16.	7.						
<i>ficifolia.</i>	Fig-leaved			o.	Seed	Aug:	Com:	6.	Levant.
<i>rosea.</i>	Common Red			r.	—	—	—	8.	China.
2. —	Dark-Brown Dble:			br.	—	—	—	—	—
3. —	Flesh-color Dble:			f.	—	—	—	—	—
4. —	Lake-color Dble:			d.r.	—	—	—	—	—
5. —	Orange Dble:			o.	—	—	—	—	—
6. —	Straw-color Dble:			l.y.	—	—	—	—	—
7. —	White Dble:			w.	—	—	—	—	—
8. —	Yellow Dble:			y.	—	—	—	—	—
<i>sinensis pleno.</i>	Chinese Dble:			st.	—	July	R.M.	4.	—
ALYSSUM,	MADWORT.	15.	1.						
<i>clypeatum.</i>	Buckler-podded			y.	Seed	June	Com:	1.	S. Eu.
<i>deltoidium.</i>	Deltoid-leaved			p.	Cut: —	P.L.	½.	—	Levant.
<i>maritimum.</i>	Sweet			w.	Seed	July	—	1.	S. Eu.
— fol: var:	— Striped-leaved			—	Cut: —	S.L.	—	—	—
<i>sinuatum.</i>	Sinuated			l.y.	—	June	—	½.	Spain.
ANCHUSA,	BUGLOSS.	5.	1.						
<i>italica.</i>	Italian			r p.	Seed	July	Com:	4.	S. Eu.
<i>paniculata.</i>	Paniced			b.	Cm:	June	P.L.	2.	Madeira.

		Cl.	Or.	Col.	Prop.	Flow.	Soil.	Hgt.	Country.
ANETHUM,	DILL.	5.	2.						
<i>c.</i> graveolens.	Common			y.	Seed	July	R.M.	3.	S. Eu.
— azoricum.	Finechio.			—	—	June	—	2.	Azores.
ANGELICA,	ANGELICA.	5.	2.						
<i>c.</i> Archangelica.	Cultivated			st.	Seed	July	M.S.	6.	Britain.
ANTIRRHINUM,	SNAP-DRAGON.	14.	2.						
Bellidifolium.	Daisy-leaved			b.	Cut:	July	P.L.	1½.	France.
Majus purp.	Great			p.	Seed	June	Com:	3.	S. Eu.
— flo: albo.	— White-flowered			w.	—	—	—	—	—
— flo: rubro.	— Dark Red			d.r.	—	—	—	—	—
— flo: pleno.	— Double			f.	Cut:	—	—	8.	—
— flo: luteo.	— Yellow			y.	Seed	—	—	—	—
— fol: variegatis.	— Striped-leaved			f.	Cut:	—	—	—	—
APIUM,	PARSLEY.	5.	2.						
<i>c.</i> Petroselinum.	Common			l.y.	Seed	July	R.M.	3.	Italy.
— fol: crispis.	— Curled			—	—	—	—	—	—
— rad; max;	— Hambro			—	—	—	—	—	—
graveolens.	Smallage.			w.	—	—	M.S.	4.	Britain.
<i>c.</i> — Hort:	— Garden Celery.			—	—	—	R.M.	3.	Italy.
— 2. —	— Giant			—	—	—	—	—	—
— 3. —	— Solid White			—	—	—	—	—	—
— 4. —	— Red			—	—	—	—	—	—
— 5. — rapaceum.	— Celeriac.			—	—	—	—	—	—
BETA,	BET.	5.	2.						
<i>c.</i> cicla.	White			w.	Seed	Aug:	R.M.	4.	Europe.
— radice flava.	— Yellow-rooted			—	—	—	—	6.	—
— vulgaris.	Common Red			—	—	—	—	4.	—
— 2. —	— Green			—	—	—	—	—	—
— 3. —	— Turnip-rooted			—	—	—	—	—	—
— 4. —	— Striped-rooted			—	—	—	—	—	—
BORAGO,	BORAGE.	5.	1.						
<i>c.</i> officinalis.	Common Blue			b.	Seed	July	Com:	3.	Levant.
— flo: albo.	— White			w.	—	—	—	—	—
— flo: incar;	— Flesh-colored			f.	—	—	—	—	—
BRASSICA,	CABBAGE.	15.	1.						
<i>c.</i> Oleracea.	Common or Colewort			y.	Seed	June	R.M.	4.	Europe.
— 1. —	Borecole or Kale, Broad-leaved Scotch			—	—	—	—	—	—
— 2. —	— Brown curled Tall			—	—	—	—	—	—
— 3. —	— Dwarf			—	—	—	—	—	—
— 4. —	— Buda Kale.			—	—	—	—	—	—
— 5. —	— Green Curled Tall			—	—	—	—	—	—
— 6. —	— Dwarf			—	—	—	—	—	—
— 7. —	— Jerusalem Kale.			—	—	—	—	—	—
— 8. —	— Prince's-feather Kale.			—	—	—	—	—	—
— 9. —	— Ragged Jack.			—	—	—	—	—	—
— 10. —	— Striped-leaved			—	—	—	—	—	—
— 11. —	Broccoli, Buff-colored late Large			—	—	—	—	—	—
— 12. —	— Cape or Mutabilis			—	—	—	—	—	—
— 13. —	— Purple Early Dwarf			—	—	—	—	—	—
— 14. —	— Large			—	—	—	—	—	—
— 15. —	— Sprouting			—	—	—	—	—	—
— 16. —	— Late Dwarf			—	—	—	—	—	—

Cl. Or. Col. Prop. Flow. Sell. Hgt. Country.

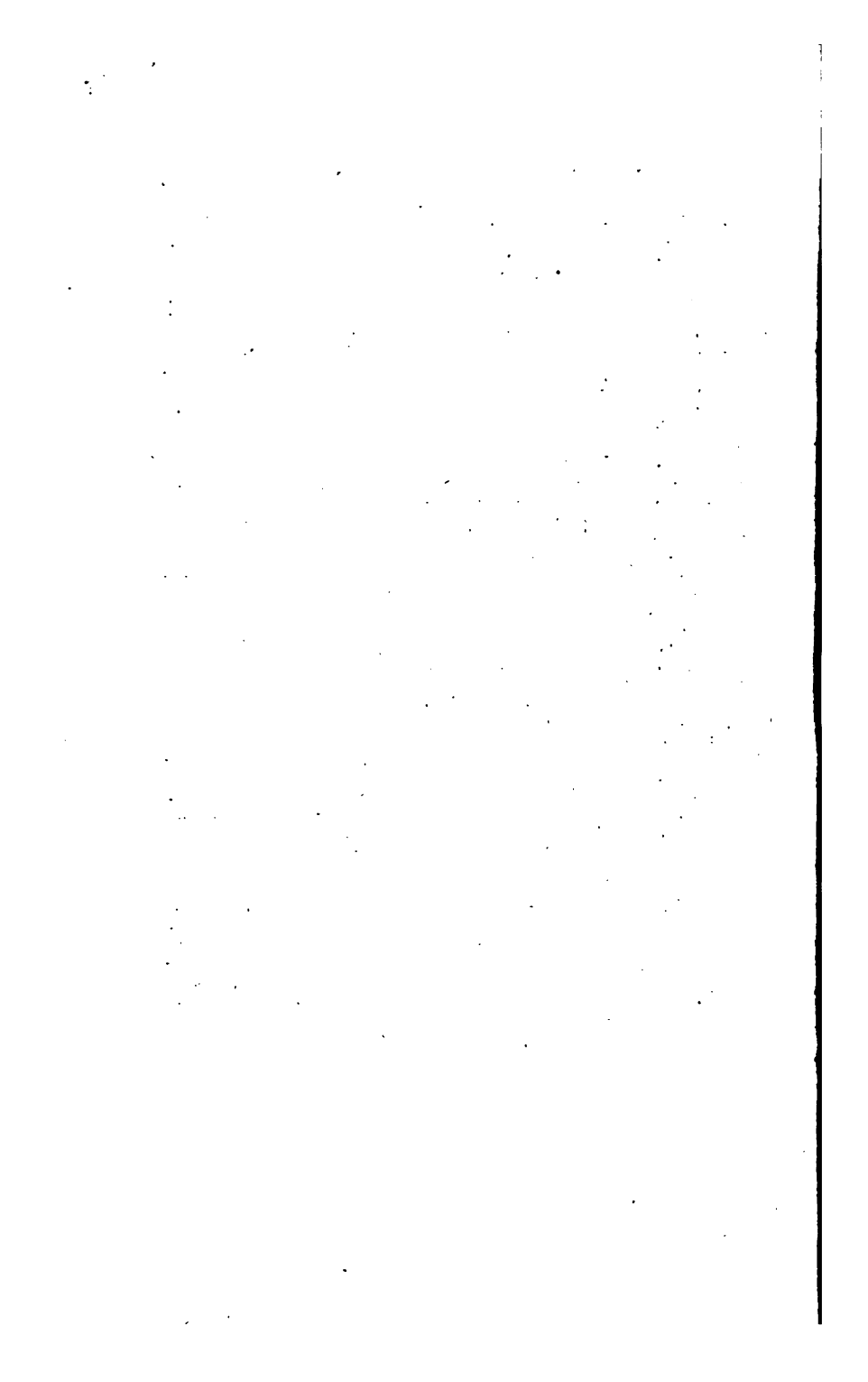
BRASSICA,		CABBAGE:	15. 1.	
e.	17. Oleracea.	Broccoli, Purple Late Large		
—	18. —	— Siberian Dwarf Hardy		
—	19. —	— Violet Dwarf		
—	20. —	— White Cauliflower Early		
—	21. —	— Cream-colored Late		
—	22. —	— Early Autumn		
—	23. —	— Late Spring		
—	24. —	— Serrated-leaved		
—	25. —	Cabbage, Anjou		
—	26. —	— Battersea Early		
—	27. —	— Late Flat		
—	28. —	— Brussels Sprouts.		
—	29. —	— Heart-shaped		
—	30. —	— Hollow Summer		
—	31. —	— Imperial		
—	32. —	— Milan Greens, or Choux de Milan.		
—	33. —	— Penton		
—	34. —	— Red Tall		
—	35. —	— Dwarf Dutch		
—	36. —	— Sugar-Loaf		
—	37. —	— Turnip Cabbage, or Köhl Rabi.		
—	38. —	— York Early Dwarf		
—	39. —	— Early Common		
—	40. —	Cauliflower, Early		
—	41. —	— Late		
—	42. —	Savoy, Large Green		
—	43. —	— Dwarf Green		
—	44. —	— Globe		
—	45. —	— Yellow		
—	Rapa.	Turnip, Garden Stone g. Seed April S.L. 3. Britain.		
—	2. —	— Dutch Early		
—	3. —	— French or Long-rooted		
CAMPANULA,		BELL-FLOWER.	5. 1.	
	Cervicaria.	Wave-leaved	l.b. Seed July S.P. 3.	Europe.
	Medium.	Canterbury Bells.	b. — — — Com: 4.	Italy.
	— flo: albo.	— White Cant: Bells.	w. — — —	
e.	Rapunculus.	Rampions	l.b. — — — R.M. 3.	Britain.
	sibirica.	Siberian	b. Cut: — — S.P. 1.	Siberia.
	spicata.	Spiked-flowered	l.b. Seed — — —	Switz.
	thyrsoides.	Long-spiked	w. — — — 2.	Germany.
	virgata.	Twiggy	b. Seed Aug: — — 1.	Libanus.
CARDUUS,		THISTLE.	19. 1.	
	eriphorus.	Woolly-headed	p. Seed Aug: Com: 2.	Britain.
	Marianus.	Milk or Ladies	— — — July — — 5.	Europe.
CARLINA,		CARLINE THISTLE.	19. 1.	
	vulgaris.	Common	p. Seed July Com: 1½.	Europe.
CENTAUREA,		CENTUARY.	19. 3.	
	pullata.	Sad-colored	p. Seed June Com: 2.	S. Eu.
	romana.	Roman	r. — — Aug: — — 3.	Rome.
	salmonitica.	Ragwort-leaved	p. — — July — — —	S. Eu.
	splendens.	Shining	— — — — —	Spain.

	Cl.	Or.	Col.	Prop.	Flow.	Soil.	Hgt.	Country.
CERINTHE, minor.								
CHEIRANTHUS, Cheiri.								
2. —								
3. —								
4. —								
incanus.								
2. —								
3. —								
4. —								
5. —								
6. —								
COCHLEAREA, glastifolia.								
CONIUM, maculatum.								
CONYZA, squarrosa.								
CREPIS, biennis.								
fœtida.								
CYNOGLOSSUM, cheirifolium.								
officinale.								
sylvaticum.								
DAUCUS, Carota.								
2. —								
3. —								
4. —								
5. —								
DELPHINIUM, Aconiti.								
Staphisagria.								
DIANTHUS, Armeria.								
ferrugineus.								
manspeliacus.								
DIGITALIS, ambigua.								
erubescens.								
ferruginea.								
leucophæa.								
lutea.								
minor.								
purpurea.								
— flor. albo.								
Thapsi.								
DIPSACUS, fullonum.								
laciniatus.								
sylvestris.								
HONEY-FLOWER. 5. 1.								
Lesser								
STOCK GILLIFLOWER. 15. 2.								
Wall-flower Yellow.								
— Bloody Wall-fl.								
— Dble: Bloody W:								
— Double Yellow								
Brompton Red								
— Purple								
— White								
— Queen Red								
— White								
Twickenham Purple								
SCURVY GRASS. 15. 1.								
Woad-leaved								
HEMLOCK. 5. 2.								
Common								
FLEA-BANE. 19. 2.								
Great								
HAWWEED. 19. 1.								
Biennial								
Stinking								
HOUND'S-TONGUE. 5. 1.								
Sivory-leaved								
Common or Great								
Green-leaved								
CARROT. 5. 2.								
Common Orange								
Austrian Red								
Dutch Red Early								
— Horned Early								
— White								
LARKSPUR. 13. 2.								
Aconite-like								
Stavesacre								
PINK. 10. 2.								
Deptford								
Rusty-colored								
Montpelier								
FOXGLOVE. 14. 2.								
Great Yellow								
Blush-flowered								
Iron-colored								
Broad-lipped								
Small Yellow								
Dwarf Spanish								
Purple Common								
— White Common								
Mullein-leaved								
TEASEL. 4. 1.								
Fuller's								
Cut-leaved								
Wild								

		Ch. Or.	Col.	Prop.	Flow.	Soil.	Egt.	Country.
ECHIU ,	VIPER'S BUGLOSS.	5.	1.					
<i>croticum.</i>	Cretan			d.r.	Seed Aug:	S.L.	4.	<i>Levant.</i>
<i>italicum.</i>	White-flowered			w.	— — — —	—	—	<i>Italy.</i>
<i>vulgar.</i>	Common Blue			b.	— — — —	—	2.	<i>Britain.</i>
ERIGERON ,	ERIGERON.	19.	2.					
<i>acre.</i>	Blue			b.	Seed Aug:	Com:	1½.	<i>Britain.</i>
ERYSIMUM ,	HEDGE MUSTARD.	15.	3.					
<i>Alliaria.</i>	Garlic-smelling			w.	Seed May	Com:	3.	<i>Britain.</i>
EUPHORBIA ,	SPURGE.	11.	3.					
<i>Lathyris.</i>	Caper			l.g.	Seed June	Com:	3.	<i>Europe.</i>
<i>verrucosus.</i>	Warty-fruited			—	— — — —	—	2.	<i>Britain.</i>
FUMARIA ,	FUMITORY.	17.	2.					
<i>fungosa.</i>	Spongy			y.	Seed July	S.L.	3.	<i>N. Am.</i>
<i>spicata.</i>	Narrow-leaved			f.	— — — —	—	8.	<i>S. Eu.</i>
GAURA ,	GAURA.	8.	1.					
<i>biennis.</i>	Biennial			r.w.	Seed Aug:	P.L.	5.	<i>N. Am.</i>
GNAPHALIUM ,	EVERLASTING.	19.	2.					
<i>inteo album.</i>	Jersey			l.y.	Root July	S.L.	1.	<i>Jersey.</i>
<i>sylvaticum.</i>	Wood			d.y.	— — — —	Aug:	—	<i>Britain.</i>
GYPHOPHILA ,	GYPHOPHILA.	10.	2.					
<i>marialis.</i>	Wall			f.	Cut: Aug:	S.L.	½.	<i>Europe.</i>
HEDYSARUM ,	HEDYSARUM.	17.	4.					
<i>coronarum.</i>	French Honeysuckle			r.	Seed June	Com:	2.	<i>Italy.</i>
— flo: albo.	— White-flowered			w.	— — — —	—	—	—
HEPHERIS ,	ROCKET.	15.	1.					
<i>matronalis.</i>	Dame's Violet			l.p.	Seed June	S.L.	4.	<i>Britain.</i>
— flo: purp: pl:	— Double Purple			p.	Root — —	P.L.	1.	—
— flo: alb: pl:	— Double White			w.	— — — —	H.L.	1½.	—
<i>tristis.</i>	Night-smelling			d.p.	Seed May	S.L.	1.	<i>Austria.</i>
HYOSCYAMUS ,	HENRANE.	5.	1.					
<i>niger.</i>	Common			d.	Seed June	S.L.	1.	<i>Europe.</i>
IBERIS ,	CANDYTUFT.	15.	1.					
<i>linifolia.</i>	Flax-leaved			w.	Cut: July	P.L.	—	<i>Europe.</i>
ISATIS ,	WOAD.	15.	1.					
<i>tinctoria.</i>	Dyer's			y.	Seed July	S.L.	4.	<i>Britain.</i>
LAVATERA ,	LAVATERA.	16.	7.					
<i>arbores.</i>	Tree Mallow.			w.	Seed Aug:	Com:	6.	<i>Britain.</i>
LEONURUS ,	MOTHERWORT.	14.	1.					
<i>sibiricus.</i>	Siberian			r.	Seed July	P.L.	2.	<i>Siberia.</i>
<i>tartaricus.</i>	Tartarian			f.	Aug: — — —	—	2.	<i>Tartary.</i>
LEUSTICUM ,	LOVAGE.	5.	2.					
<i>peregrinum.</i>	Parsley-leaved			l.y.	Seed June	Com:	2.	<i>Portugal.</i>
<i>scoticum.</i>	Scotch			y.	— — — —	July — —	—	<i>Scotland.</i>
LINUM ,	FLAX.	5.	5.					
<i>strictum.</i>	Upright			y.	Cut: June	P.L.	1.	<i>S. Eu.</i>
LOBELIA ,	LOBELIA.	5.	1.					
<i>urens.</i>	Acrid			l.b.	Seed July	S.L.	1½.	<i>Britain.</i>
LUNARIA ,	HONESTY.	15.	1.					
<i>annua.</i>	Common			l.p.	Seed May	Com:	4.	<i>Germany.</i>
MARRUBIUM ,	HOREHOUND.	13.	1.					
<i>Alyson.</i>	Plaited-leaved			p.	Cut: July	S.L.	1½.	<i>Italy.</i>
MICHAUXIA ,	MICHAUXIA.	8.	1.					
<i>campanuloides.</i>	Campanula-like			l.b.	Seed Aug:	L.P.	4.	<i>Levant.</i>

		Cl. Or.	Cpl. Prop.	Flow.	Soll.	Hgt.	Country.
MONARDA,	MONARDA.	2. 1.					
punctata.	Spotted	br.	Seed	July	S.P.	2.	N. Am.
OENOTHERA,	OENOTHERA.	8. 1.					
biennis.	Evening Primrose	y.	Seed	June	Com:	4.	S. Am.
grandiflora.	Large-flowered	—	—	July	—	—	—
longiflora.	Long-flowered	—	—	—	—	3.	—
* mollissima.	Downy-leaved	—	—	—	—	2.	—
* nocturna.	Night-smelling	—	—	—	—	—	—
* rosea.	Flesh-colored	f.	Cut:	June	—	1.	Pers.
sinuata.	Scollop-leaved	y.	Seed	—	—	3.	N. Am.
ONOPORDUM,	COTTON THISTLE.	19. 1.					
acaulon.	Dwarf	w.	Seed	July	Com:	½.	N. Am.
arabicum.	Arabian	p.	—	—	—	8.	S. Eu.
illiricum.	Illirian	—	—	—	—	6.	—
PAPAVER,	POPPY.	13. 1.					
nudicaule.	Naked-stalked	y.	Seed	June	S.L.	1½.	Russia.
PASTINACHA,	PARSNIP.	5. 2.					
lucida.	Shining-leaved	y.	Seed	July	S.L.	4.	S. Eu.
* sativa.	Garden	—	—	—	—	—	Britain.
PHYTEUMA,	RAMPION.	5. 1.					
comosa.	Tufted	b.	Seed	June	S.L.	1.	Austria.
RANUNCULUS,	CROWFOOT.	13. 7.					
pennsylvanicus.	Pennsylvanian	y.	Seed	June	P.L.	1.	N. Am.
RESEDA,	RESEDA.	11. 3.					
alba.	White Upright	w.	Seed	July	S.L.	3.	S. Eu.
undulata.	Wave-leaved	y.	—	—	—	1.	Spain.
SALVIA,	SAGE.	2. 1.					
ceratophylla.	Stag's-horn-leaved	w.	Cut:	Aug:	S.L.	2.	Persia.
pinnata.	Winged-leaved	p.	July	—	—	1.	Levan.
Sclarea.	Clary	lb.	Seed	—	—	4.	Syria.
SCABIOSA,	SCABIOUS.	4. 1.					
atropurpurea.	Sweet	br.	Seed	July	Com:	4.	Italy.
columbaria.	Small	lb.	—	June	—	1.	Britain.
tartarica.	Tartarian	ly.	—	—	—	6.	Tartary.
ucranita.	Ukraine	—	Cut:	Aug:	S.L.	1.	Russia.
SCORZONERA,	VIPER'S-GRASS.	19. 1.					
hispanica.	Garden	y.	Seed	June	R.M.	4.	S. Eu.
laciniata.	Jagged-leaved	—	—	—	S.L.	2.	—
resedifolia.	Spreading	—	—	—	—	1.	—
SCROPHULARIA,	FIG-WORT.	14. 2.					
peregrina.	Nettle-leaved	p.	Seed	June	Com:	2.	Italy.
* trifoliata.	Three-leaved	r.y.	Cut:	—	M.S.	—	Corsica.
vernalis.	Yellow	y.	Seed	April	Com:	—	Britain.
SILENE,	CATCHFLY.	10. 3.					
Bupleuroides.	Hare's-ear-like	w.p.	Cut:	May	P.L.	2.	Persia.
muscipula.	Red Spanish	r.	Seed	June	—	1½.	Spain.
viridiflora.	Green-flowered	g.w.	—	July	—	2.	—
viscosa.	Clammy	r.	—	—	Com:	—	S. France.
SISON,	HONE-WORT.	5. 2.					
Amomum.	Hedge	w.	Seed	Aug:	M.S.	3.	Britain.
segetum.	Corn	f.	—	—	—	2.	—

		Cl. Or.	Col.	Prop.	Flw.	Soil.	Hgt.	Country.
SMYRNIUM,	ALEXANDERS.	5. 2.						
e. Olsastrum.	Common	l.y.	Seed	May	R.M.	4.		Europe.
perfoliatum.	Perfoliate	g.	—	—	Com:	3.		Italy.
* TEUCRIUM,	GERMANDER.	14. 1.						
campanulatum.	Bell-flowered	w.	Cut:	July	P.L.	1.		Levant.
montanum.	Dwarf Mountain	—	—	—	—	½.		S. Eu.
THLAPSI,	BASTARD CRESS.	15. 1.						
hirtum.	Hairy	w.	Seed	June	Com:	1.		S. Eu.
saxatile.	Rock	f.	—	May	—	½.		—
* THYMUS,	THYMUS.	14. 1.						
alpinus.	Alpine	r.	Seed	June	S.L.	½.		S. Eu.
* grandiflorus.	Large-flowered	f.	Cut:	—	—	1.		N. Am.
* patavinus.	Marjorum-leaved	—	—	July	—	½.		S. Eu.
* TRACHELIUM,	THROAT-WORT.	5. 1.						
cœruleum.	Blue	p.	Cut:	July	R.M.	1½.		Italy.
TRAGOPOGON,	GOAT'S-BEARD.	19. 1.						
crocifolius.	Crocus-leaved	g.	Seed	June	Com:	1.		S. Eu.
Dalechampi.	Great-flowered	l.y.	—	—	—	2.		—
e. porrifolius.	Salsafie	p.	—	—	R.M.	4.		Britain.
— pratensis.	Common Yellow	g.	—	May	—	2.		—
villosus.	Hairy	l.y.	—	June	Com:	4.		Spain.
* TRICHOSTEMA,	TRICHOSTEMA.	14. 1.						
brachiata.	Sessile-leaved	p.	Cut:	July	S.P.	1.		Virginia.
TRIGONELLA,	FENUGREEK.	17. 4.						
platycarpus.	Round-leaved	w.	Seed	June	Com:	1.		Siberia.
ruthenica.	Small	l.y.	—	July	—	1½.		—
VEREASCUM,	MULLEIN.	5. 1.						
Blattaria.	Moth	g.p.	Seed	July	Com:	4.		Britain.
— flo: albo.	— White-flowered	w.	—	—	—	—		—
Lychnitia.	White	l.y.	—	June	—	3.		—
Phlomisoides.	Woolly	g.	—	—	—	4.		Italy.
pulverulentum,	Powdered	—	—	July	—	3.		Britain.
sinuatum.	Scollop-leaved	—	—	—	—	—		S. Eu.
Thapsoides.	Bastard	l.y.	—	—	—	3.		Britain.
Thapsus.	Great	g.	—	—	—	6.		—
virgatum.	Slender	g.p.	—	Aug:	—	5.		—
* VERBENA,	VERVAIN.	14. 2.						
bonariensis.	Cluster-flowered	b.	Root	Sept:	Com:	6.		S. Am.
officinalis.	Common	l.p.	Seed	July	—	2.		Europe.
spuria.	Jagged-leaved	b.	Cat:	Aug.	P.L.	2.		N. Am.
urticifolia.	Nettle-leaved	w.	—	July	—	3.		—
VICIA,	VETCH.	17. 4.						
biennis.	Biennial	l.b.	Seed	July	Com:	6.		Siberia.



INDEX GENERUM

TO THE HARDY PLANTS.—DIVISION I.

A.					
Acanthus	- 44	Arabis	- 48	Brannichia	- 41
Acer	- 9, 16, 33	Aralia	- 16, 48	Buddlea	- 34
Achillea	- 44	Araucaria	- 33	Bulbocodium	- 88
Aconitum	- 45	Arbutus	- 33	Benias	- 51
Acorus	- 93	Arenaria	- 48	Bupthalmum	- 52
Actea	- 43	Aretia	- 48	Bupleurum	- 34, 59
Adonis	- 43	Aristolochia	- 41, 48	Butomus	- 93
Adoxa	- 45	Aristolochia	- 16	Buxus	- 34
Æsculus	- 9, 16	Arnica	- 48	O.	
Agrimonia	- 45	Artemisia	- 33, 48	Cacalia	- 58
Agrostemma	- 97	Arum	- 49	Cachrys	- 54
Agrostis	- 88	Arundo	- 49, 83	Calla	- 93
Aitanthus	- 9	Asarum	- 49	Caltha	- 82
Aiza	- 82	Asclepias	- 49	Calycanthus	- 18
Ajuga	- 45	Asparagus	- 49	Campanula	- 52, 99
Alechmilla	- 45	Asperula	- 49	Cannabis	- 85
Alettris	- 46	Asphodelus	- 49	Cardamine	- 53
Allama	- 93	Aster	- 49	Carduus	- 53, 99
Allium	- 88, 97	Astragalus	- 33, 50	Carex	- 95
Alnus	- 10, 16	Astrantia	- 51	Carlina	- 99
Alopecurus	- 89	Athamanta	- 51	Carpinus	- 10, 18
Althæa	- 97	Atragené	- 41	Caryum	- 85
Alyssum	- 46, 97	Atriplex	- 33	Cassia	- 53
Amaryllis	- 88	Atropa	- 61	Castanea	- 10, 18
Amorpha	- 16	Aucuba	- 38	Catalpa	- 10
Ampelopsis	- 41	Avena	- 83	Catananché	- 53
Anemone	- 46	Asalea	- 17, 34	Ceanothus	- 18
Amygdalus	- 10, 16	B.		Celastrus	- 18, 41
Anagallis	- 93	Baccharis	- 84	Celtis	- 10
Anchusa	- 97, 46	Ballota	- 51	Centaurea	- 53, 99
Ancistrum	- 46	Balanita	- 51	Cephalanthus	- 18
Andromeda	- 16, 83	Bartsia	- 51	Cerastium	- 53, 93
Androsacé	- 46	Bellis	- 51	Ceratophyllum	- 98
Andryala	- 46	Bellium	- 51	Cereis	- 10
Anemoné	- 46, 88	Berberis	- 18	Cerinthe	- 100
Anethum	- 98	Beta	- 85, 98	Choiranthus	- 83, 100
Angelica	- 95, 98	Betonica	- 15	Chelidonium	- 53
Annona	- 16	Betula	- 10, 18	Cheloné	- 53
Anthemis	- 47	Bignonia	- 41	Cherleria	- 53
Anthericum	- 47	Bocconia	- 51	Chionanthus	- 18
Anthoxanthum	- 88	Boltonia	- 51	Chrysanthemum	- 53
Anthyllis	- 47	Borago	- 51, 98	Chrysocoma	- 54
Anthriscum	- 47, 98	Brassica	- 83, 98	Chrysosplenium	- 54
Aphilanthes	- 98	Briza	- 83	Cicuta	- 93
Apium	- 98	Bromus	- 83	Cimicifuga	- 54
Apocynum	- 47	Braunetia	- 18	Cineraria	- 54, 95
Aquilegia	- 47	O		Cireæa	- 54
				Cistus	- 84, 54

Claytonia - - - 54	Dracocephalum - 57	Glycirrhiza - - 60
Clematis - - 41, 54	Dryas - - - 57	Gnaphalium 60, 101
Clethra - - - 18	E. - - -	Gordonia - - - 20
Cnicus - - - 54	Echinops - - - 57	Gratiola - - - 60
Cochlearia - 55, 100	Echium - - 57, 101	Gundelia - - - 60
Colchicum - - 89	Elæagnus - - - 20	Gunnera - - - 60
Collinsonia - - 55	Elymus - - - 83	Gymnocladus - - 12
Colutea - - - 18	Empetrum - - 35	Gypsophila - 61, 101
Comarum - - - 95	Ephedra - - - 35	H. - - -
Comptonia - - 18	Epigæa - - - 35	Halesia - - - 20
Conium - - - 100	Epilobium - - 57	Hamamelis - - 20
Convallaria - - 55	Epimedium - - 58	Hedera - - - 41
Convolvulus - - 55	Equisetum - - 93	Hedysarum 61, 86, 101
Conyza - - 55, 100	Erica - - - 35	Helenium - - - 61
Coreopsis - - - 55	Erigeron - - 58, 101	Helianthus - - - 61
Coriaria - - - 19	Erinus - - - 58	Heleborus - - 61, 89
Cornus - - 19, 34, 55	Eriophoron - - 83	Helonias - - - 61
Coronilla - - 19, 55	Ervum - - - 85	Hemerocallis - - 61
Cortusa - - - 55	Eryngium - - 58	Heraclæum - - 61
Corylus - - - 19	Erysimum - 58, 101	Hieraria - - - 62
Cotyledon - - - 55	Erythronium - 89	Hesperis - - 62, 102
Crambé - - - 56	Euonymus 11, 20, 35	Heuchera - - - 16
Cratægus - - - 10	Eupatorium - 58	Hibiscus - - - 20
Crepis - - 56, 100	Euphorbia - 58, 101	Hieracium - - 62
Crocus - - - 85, 89	F. - - -	Hippocrepis - - 62
Cucubalus - - 56	Fagus - - - 11, 20	Hippophæ - - 21
Cupressus - - 11, 34	Ferula - - - 58	Hippuris - - - 93
Cyclamen - - - 89	Festuca - - - 83	Holcus - - - 84
Cynanchum - - 56	Ficus - - - 20	Hordeum - - - 84
Cynoglossum 56, 100	Fontanasia - - 20	Hottonia - - - 95
Cynosurus - - - 83	Fothergilla - - 20	Houstonia - - - 62
Cyperus - - - 95	Fragaria - - - 59	Humulus - - 62, 86
Cypripedium - 56	Frankenia - - - 59	Hyacinthus - - 89
Cytissus - 11, 19, 34	Fraxinus - - 11, 20	Hydrangea - - 21
D. - - -	Fritillaria - - 89	Hydrastis - - 62
Dactylis - - - 83	Fumaria 59, 89, 101	Hydrocharis - - 93
Daphné - - 19, 35	G. - - -	Hydrocotylé - - 93
Datisca - - - 56	Galanthus - - - 89	Hydropeltis - - 93
Daucus - - - 100	Galax - - - 59	Hydrophyllum - 62
Delphinium - 56, 100	Galega - - - 59	Hyoscyamus 62 101
Dentaria - - - 56	Galeobdolon - 59	Hyoseris - - - 62
Dianthus - - 56, 100	Galium - - - 95	Hypericum 21, 35, 62, 95
Dictamnus - - 57	Gaultheria - - 35	Hypochaeris - - 62
Dioscoria - - - 57	Gaura - - - 101	Hypoxis - - - 62
Digitalis - - - 100	Genista - - - 20, 35	Hyssopus - - - 63
Diospyrus - 11, 19	Gentiana - - - 59	I. - - -
Dirca - - - 20	Geranium - - 59	Iberis - - - 101
Dodartia - - - 57	Geum - - - 60	Ilex - - - 35
Dodecatheon - 57	Gladiolus - - 89	Illecebrum - - 63
Doronicum - - 57	Glaux - - - 60	Imperatoria - - 63
Dorycnium - - 57	Gleditschia - 12, 20	Inula - - - 63
Draba - - - 57	Globularia - - 60	Iris - - - 63, 93
Dracæna - - - 57	Glyciné - - - 41, 60	Isatis - - - 101

Isopyrum - - - 64	Melanthium - - - 66	Paris - - - 68
Itea - - - 21	Melica - - - 84	Parnassia - - - 68
Iva - - - 32	Melissa - - - 66	Parthenium - - - 68
Ixia - - - 90	Melittis - - - 66	Passiflora - - - 42
J. - - -	Menispermum - - - 42	Pastinaca - - - 68, 102
Jasminum - - - 36, 42	Mentha - - - 66	Peganum - - - 68
Juglans - - - 16	Menyanthes - - - 93	Peltaria - - - 68
Juncus - - - 95	Menziezia - - - 22	Penstemon - - - 68
Juniperus - - - 36	Mercurialis - - - 66	Penthorum - - - 68
K. - - -	Mespilus - - - 12, 22, 37	Periploca - - - 42
Kalmia - - - 36	Michauxia - - - 101	Peucedanum - - - 68
Kitaibelia - - - 64	Milium - - - 84	Phaca - - - 68
Koeleruteria - - - 21	Mimosa - - - 22	Phalaris - - - 84
L. - - -	Mimulus - - - 66	Phellandrium - - - 94
Lactuca - - - 64	Mitchella - - - 37	Philadelphus - - - 22
Lamium - - - 64	Mitella - - - 66	Phillyrea - - - 37
Laserpetium - - - 64	Mœrlingia - - - 66	Phleum - - - 84
Lathyrus - - - 64	Monarda - - - 66, 102	Phlomis - - - 37, 68
Lavatera - - - 64, 101	Morus - - - 12, 22	Phlox - - - 68
Lavandula - - - 37	Myosotis - - - 95	Physalis - - - 69
Laurus - - - 12, 21, 37	Myrica - - - 22	Phytенma - - - 69, 102
Ledum - - - 36	Myriophyllum - - - 95	Phytolacca - - - 69
Leonticé - - - 64	N. - - -	Pimpinella - - - 69
Leonurus - - - 64, 101	Napæa - - - 67	Pinguicula - - - 96
Lepidium - - - 64	Narcissus - - - 91	Pinus - - - 12, 37
Leucojum - - - 90	Nardus - - - 84	Pisum - - - 69, 86
Liatris - - - 64	Nasturtium - - - 93	Plantago - - - 69, 86
Ligusticum - - - 64, 101	Nepeta - - - 67	Platanus - - - 13
Ligustrum - - - 21, 37	Nuphar - - - 94	Plumbago - - - 69
Lilium - - - 90	Nymphæa - - - 94	Poa - - - 84, 94
Linnaea - - - 37	Nyssa - - - 12	Podalyria - - - 69
Linum - - - 65, 101	O. - - -	Podophyllum - - - 69
Liquidambar - - - 12, 21	Enanthé - - - 96	Polemonium - - - 69
Liriodendron - - - 12	Enothera - - - 67, 102	Polygala - - - 37, 70
Lithospermum - - - 65	Ononis - - - 22, 67	Polygonum 38, 42, 70,
Littorella - - - 95	Onopordum - - - 102	86, 94
Lobelia - - - 65, 101	Onosma - - - 67	Polymnia - - - 70
Lolium - - - 84	Ophiopogon - - - 67	Pontederia - - - 94
Lonicera - - - 21, 42	Ophrys - - - 91	Populus - - - 13
Lotus - - - 65, 86	Orchis - - - 91	Potamogeton - - - 94
Lanaria - - - 65, 101	Origanum - - - 67	Potentilla - - - 22, 70
Lupinus - - - 65	Ornithogalum - - - 91	Poterium - - - 22, 70
Lychnis - - - 65	Orobis - - - 67	Pothos - - - 70
Lycium - - - 42	Orontium - - - 67	Prenanthes - - - 70
Lycopus - - - 65	Ostrya - - - 12	Primula - - - 70
Lysimachia - - - 65	Oxalis - - - 92	Prinos - - - 22, 38
Lythrum - - - 66	P. - - -	Prunella - - - 71
M. - - -	Pachysandra - - - 67	Prunus - - - 13, 22, 38
Magnolia - - - 12, 21, 37	Pæonia - - - 68	Ptelea - - - 22
Malva - - - 66, 95	Panax - - - 68	Pulmonaria - - - 71
Marrubium - - - 66, 101	Pancratium - - - 92	Punica - - - 23
Medeola - - - 66	Panicum - - - 84	Pyrola - - - 38
Medicago - - - 66, 86	Papaver - - - 68, 102	Pyrus - - - 13, 23

Q.					
Quercus	- 14, 38	Sedum	- 74	Thlaspi	- 78, 103
R.		Selinum	- 75, 96	Thuja	- 40
Ranunculus	71, 92, 94, 102	Sempervivum	- 75	Thymus	- 78, 103
Reseda	- 86, 102	Senecio	- 75, 96	Tiarella	- 79
Rhamnus	- 14, 23, 38	Serapias	- 75	Tilia	- 15
Rheum	- 71, 86	Serratula	- 75	Tofieldia	- 79
Rhexia	- 71	Sesili	- 75	Tormentilla	- 79
Rhodiola	- 72	Sibbaldia	- 75	Trachelium	- 103
Rhododendron	23, 38	Sibthorpia	- 75	Tradescantia	- 79
Rhodora	- 23	Sideritis	- 75	Tragopogon	- 103
Rhus	- 23, 42	Sidoxylon	- 50	Trapa	- 94
Ribes	- 24	Silene	75, 102	Trichostema	- 103
Robinia	14, 24, 38	Silphium	- 75	Trientalis	- 97
Rosa	- 24, 39, 42	Sinapis	- 86	Trifolium	- 79, 86
Rosmarinus	- 39	Sison	76, 102	Triglochin	- 96
Rottbœllia	- 84	Slaymbrium	- 76	Trigonella	- 79, 103
Rubia	- 72, 86	Slayrinchium	- 76	Trillium	- 92
Rubus	29, 42, 72	Siam	- 76	Triosteum	- 79
Rudbeckia	- 72	Smilax	43, 76	Tripsacum	- 79
Rumex	- 72, 99	Smyrnium	76, 103	Triticum	- 85
Ruscus	- 39	Solanum	76, 86	Trollius	- 79
Ruta	- 39	Soldanella	- 76	Tulipa	- 92
S.		Solidago	- 76	Tussilago	- 79
Sagittaria	- 94	Sonchus	77, 96	V.	
Sagina	- 72	Sophora	15, 77	Vaccinium	- 31, 40
Salisburia	- 14	Sorbus	15, 30	Valantia	- 80
Salix	- 14, 29, 39	Spartium	30, 39	Valeriana	- 80
Salsola	- 39	Spigelia	- 77	Valisnaria	- 94
Salvia	39, 72, 102	Spiraea	30, 77	Vella	- 40
Sambucus	15, 30, 72	Stachys	- 77	Veratrum	- 80
Samolus	- 96	Staphylea	- 30	Verbascum	80, 103
Sanguinaria	- 92	Statice	- 77	Verbea	80, 103
Sanguisorba	- 72	Stellaria	- 77	Veronica	80, 94
Sanicula	- 72	Stewartia	- 30	Vesicaria	- 81
Sansevieria	- 72	Stipa	- 77	Viburnum	31, 40
Santolina	- 72	Stratiotes	- 94	Vicia	81, 87
Saponaria	- 73	Styrax	- 30	Vinca	- 43
Satyrion	- 73	Swertia	- 77	Viola	- 81
Saururus	- 73	Symphytum	- 77	Virgilia	- 32
Saxifraga	- 73	Syringa	- 30	Viscum	- 113
Scabiosa	73, 102	T.		Vitex	- 32
Scandix	- 74	Tagetes	- 78	Vitis	- 43
Schœnus	- 96	Tamarix	- 113	U.	
Scilla	- 92	Tamus	- 78	Ulex	- 40
Scirpus	- 94, 96	Tanacetum	- 78	Ulmus	- 15
Scolymus	- 74	Taxus	- 15, 39	Utricularia	- 94
Scorzonera	74, 102	Telephium	- 78	Uvularia	- 81
Scorophularia	74, 96, 102	Tetragonotheca	- 78	Y.	
Scutellaria	- 74, 96	Teucrium	39, 78, 96, 103	Yucca	- 40
Secale	- 85	Thalictrum	- 78	Z.	
		Thapsia	- 78	Zanthorhiza	- 32
		Thea	- 39	Zanthoxylum	- 32
		Thestium	- 73	Zizyphus	32, 43

ENGLISH INDEX TO THE HARDY PLANTS, IN DIVISION THE FIRST.

A.					
Abele . . .	13	Bell Flower . . .	52, 99	Canary Grass . . .	81
Acacia . . .	14	Belladonna Lily . . .	88	Candleberry Myrtle . . .	22
Agrimony . . .	45	Benjamin Tree . . .	21	Candytuft . . .	101
Alaternus . . .	38	Bent Grass . . .	82	Cardoon . . .	115
Alder . . .	10, 16	Berry-bearing Alder . . .	14	Carlina Thistle . . .	99
Alexanders . . .	76, 103	Betony . . .	51	Carraway . . .	85
Alexandrian Laurel . . .	39	Bind-weed . . .	55	Carolina Allspice . . .	12
Allspice . . .	18	Bilberry . . .	40	Carrot . . .	85, 100
Almond . . .	19, 16	Birch . . .	10, 18	Catchfly . . .	75, 102
Aithya frutescens . . .	20	Bird's-foot Trefoil . . .	58, 66	Cat's-Mint . . .	67
Angelica . . .	86, 98	Birth-wort . . .	41, 48	Cat's-tail Grass . . .	64
Angelica Tree . . .	16	Bitter Vetch . . .	67	Cat's-foot . . .	60
Apple . . .	14	Black Bryony . . .	78	Cedar of Lebanon . . .	12
Apricot . . .	15, 28	Black Horehound . . .	51	Celandine . . .	53
Arbor-vitæ . . .	40	Black Saltwort . . .	60	Celery . . .	98
Archangel . . .	64	Bladder-nut . . .	30	Cestuary . . .	58, 99
Arrow Grass . . .	96	Bladder-wort . . .	94	Chamomile . . .	47
Arrow-head . . .	94	Bladder Senna . . .	18	Chaste-Tree . . .	32
Artichoke . . .	113	Blea-berry . . .	40	Cherry-Tree . . .	13, 22
Asarabacca . . .	49	Blood-wort . . .	92	Chestnut-Tree . . .	10, 18
Ash . . .	11, 20	Bog Rush . . .	96	China Rose . . .	39
Aspen . . .	13	Bonduc . . .	12	Christ's-Thorn . . .	22
Avens . . .	60	Borage . . .	51, 98	Chives . . .	33
Auricula . . .	70	Box . . .	34	Cinquefoil . . .	23, 70
B.		Box-Thorn . . .	42	Clary . . .	102
Balm . . .	66	Bramble . . .	29, 42, 72	Clover . . .	86, 87
Balm of Gilead Fir . . .	12	Brook-weed . . .	96	Cloud-berry . . .	72
Balsam Poplar . . .	13	Brome-Grass . . .	83	Club Rush . . .	91
Barberry . . .	18	Broom . . .	80, 35, 39	Cock's-foot Grass . . .	84
Barley . . .	84	Buck-Bean . . .	93	Colewort . . .	98
Barren-wort . . .	58	Buck-Wheat . . .	86	Colt's-foot . . .	79
Bastard Balm . . .	66	Buck-Thorn . . .	14, 23, 38	Columbine . . .	47
Bastard Cress . . .	78, 103	Bugle . . .	45	Comfrey . . .	77
Bastard Hemp . . .	56	Bugloss . . .	46, 97	Cork Tree . . .	36
Bastard Indigo . . .	16	Bug-wort . . .	54	Cornish Money-wort . . .	75
Bastard Toad-flax . . .	76	Bull Rush . . .	91	Cornelian-Christy . . .	19
Bastard Vetch . . .	61	Burnet . . .	70, 86, 72	Corn-dog . . .	89
Bastard Quince . . .	72	Burnet Saxifrage . . .	69	Costmary . . .	51
Batchelor's Buttons . . .	71	Butcher's Broom . . .	39	Cotton Grass . . .	83
Bean . . .	87	Butter-bur . . .	79	Cotton Thistle . . .	105
Bea's breech . . .	44	Butter-wort . . .	86	Cow-Grass . . .	87
Bea's-foot . . .	61	Button-wood . . .	18	Couch-Grass . . .	85
Bea's-cat Sanicle . . .	55	C.		Cow Parsnep . . .	61
Beech . . .	11, 20	Cabbage . . .	85, 88	Cranberry . . .	40
Beet . . .	85, 98	Calathian Violet . . .	59	Cress-Rocket . . .	40
		Campion . . .	56, 97	Cross-wort . . .	60

Crow-berry . . . 35	Fraxinella . . . 57	Hollyhock . . . 97
Crowfoot 71, 94, 96, 102	Freh Honeysuckle 101	Honesty . . . 65, 101
Crown Imperial . . 89	Friar's Cowl . . . 49	Hone-wort . . 162, 76
Curant . . . 24	Fringe Tree . . . 18	Honey-flower . . 100
Custard Apple . . . 16	Fritillary . . . 89	Honeysuckle . . . 42
Cypress . . . 11, 34	Frog-bit . . . 93	Hops . . . 62
D.	Fumitory 59, 99, 101	Hop Hornbeam . . 12
Daffodil . . . 91	Furze . . . 40	Horehound . . 66, 101
Dahoon Holly . . . 36	G.	Hornbeam . . . 18
Daisy . . . 51	Garlick . . . 88, 97	Horse-Chesnut . . . 9
Darnel . . . 84	Gentian . . . 59	Horse Radish . . 113
Date Plum . . . 11, 19	Germander 39, 78, 96,	Horse-shoe Vetch 62
Day-Lily . . . 61	103	Horse tail . . . 95
Deadly Carrot . . . 73	Giant Fennel . . . 58	Hound's-tongue 56, 100
Devil's-bit . . . 74	Globe Thistle . . . 57	House-leek . . . 75
Dew-berry . . . 29	Globe Ranunculus 79	Hyacinth . . . 89
Dill . . . 98	Goat's-beard . . 103	Hypericum frutex 30
Dock . . . 72, 96	Goat's-Rue . . . 59	Hyssop . . . 63
Dog's-bane . . . 47	Goat's-Thorn . . 33	I.
Dog's-tail Grass . . 83	Golden-Rod . . . 76	Indian Corn . . . 87
Dog's-tooth Violet 89	Golden Saxifrage 54	Iron-wood . . . 30
Dogwood . . . 19, 34, 55	Golden Thistle . . 74	Iron-wort . . . 75
Dragon's-head . . . 57	Goldilocks . . . 54	Ivy . . . 41
Drop-wort . . . 77	Gooseberry . . . 24	J.
Duck's-foot . . . 69	Goose-Corn . . . 95	Jasmine . . . 36, 42
Dyer's weed . . . 86	Greek Valerian . . 69	Jerusalem Artichoke 61
E.	Gromwell . . . 65	Jerusalem Sage . . 37
Elder . . . 15, 72	Groundsel . . . 75, 96	Jonquill . . . 91
Elecampane . . . 63	Groundsel-Tree . . 34	Judas-tree . . . 10
Elm . . . 15, 30	Guelder-Rose . . . 32	Juniper . . . 36
Enchanter's Night-	H.	K.
shade . . . 54	Hairy-Grass . . . 82	Kidney-Vetch . . 47
Eryngo . . . 58	Hard-Grass . . . 84	King's-spear . . . 49
Eschalot . . . 34	Hare-bells . . . 90	L.
Evergreen Cytissus 50	Hare's-ear . . . 34, 52	Laburnum . . . 11
Everlasting . . . 71	Hawkweed . . 62, 100	Ladies' Bedstraw 59, 95
F.	Hawthorn . . . 10	Ladies' Mantle . . 45
FairMaid's of France 77	Hazlenut . . . 19	Ladies' Slipper . . 56
Fell-wort . . . 77	Heath . . . 35	Ladies' Smock . . 53
Feather Grass . . . 19	Hedge Hyssop . . 60	Larch . . . 12
Fern-leaved Gale . . 19	Hedge Mustard . . 101	Larkspur . . . 56, 100
Fennugreek . . . 79, 103	Hellebore . . . 61, 89	Laser-wort . . . 54
Fescue Grass . . . 86	Hemlock . . . 100	Laurel . . . 37, 12, 21
Fever-Root . . . 79	Hemp . . . 85	Laurestine . . . 40
Fig-Tree . . . 20	Hemp Agrimony . . 58	Lavender . . . 34
Fig-wort . . . 74, 102	Henbane . . . 62, 100	Lavender Cotton 72
Fir-Tree . . . 12, 13	Hepatica . . . 46	Lead-wort . . . 69
Flax . . . 65, 86, 101	Herb-Bennet . . . 60	Leather-wood . . 20
Flea-bane . . . 65, 100	Herb-Christopher 45	Leeks . . . 97
Flowering Rush . . . 93	Herb-Paris . . . 68	Leopard's-bane . . 57
Fox-glove . . . 100	Hickery . . . 12	Lettuce . . . 64
Fox-tail Grass . . . 82	Holly . . . 35	Lilac . . . 30

Lily	90	Money-wort	65	Plane Tree	13
Lily Pink	47	Monkey-flower	66	Plantain	09, 86
Lily of the Valley	55	Monk's-hood	45	Plowman's Spikenard	34
Lime Tree	15	Moon-seed	42	Plum	13, 22, 38
Lion's-foot	60	Moschatel	45	Pomegranate	23
Liquorice	60	Mother-wort	64, 101	Pond-weed	94
Lizard's-tail	73	Mountain Ash	15, 30	Poplar	13
London Pride	73	Mouse-ear	93	Poppy	68, 102
Loose-strife	65	Mug-wort	48	Portugal Laurel	38
Lovage	61, 101	Mulberry	12, 22	Potatoe	86
Louse-wort	96	Mullein	80, 103	Primrose	70
Lucerne	86	Mustard	86	Privet	21
Langwort	71	N.		Pyracantha	37
Lupine	65	Navel-wort	55	Q.	
Lycian Cedar	56	Nettle-Tree	10	Quaking-Grass	83
Lyne-Grass	83	New Jersey Tea	18	Quince	14
M.		Nightshade	76	R.	
Madder	86, 72	O.	14, 38	Ragged Robin	65
Madwort	46, 97	Oat-Grass	83	Rampion	69, 102
Maiden-hair Tree	29	Oleaster	20	Ranunculus	88
Mallow	95	Onion	97	Rape or Cole Seed	85
Mandrake	51	Orache	33	Raspberry	39
Maple	9, 18, 37	Orpine	74, 78	Red Cedar	56
Mare's-tail	93	Osier	29	Reed Grass	83
Marjoram	67	Oswego Tea	67	Rest-harrow	67
Marsh Cinque-foil	95	Ox-eye	52	Rhubarb	71, 86
Marsh Cistus	37	P.		Rocket	101, 62
Marsh Fleawort	95	P.		Rock-Rose	54
Marsh Mallow	46	P.		Rocamboles	38
Marsh Marygold	52	P.		Rose	24, 42
Martagon	90	P.		Rose Acacia	24
Marygold	78	P.		Rose Campion	97
Master-wort	51, 63	P.		Rosemary	39
Mat Grass	84	P.		Rose-root	72
Meadow Grass	84, 94	P.		Rue	39
Meadow Rue	78	P.		Rupture-wort	62
Meadow-sweet	77	P.		Rush	95
Meadow Saxifrage	75	P.		Rye	85
Meadow Saffron	89	P.		Rye or Ray Grass	84
Medick	66, 86	P.		S.	
Medlar	15	P.		Saffron	89
Melic-Grass	84	P.		Sage	39, 72, 102
Mercury	60	P.		St. Foin	88
Mezereon	19	P.		St. John's-wort	21, 35,
Milfoil	44	P.		St. Peter's-wort	21
Milk Parsley	75	P.		St. Peter's Corn	85
Milk Vetch	33, 50	P.		Salt-wort	48
Milk-wort	37, 70	P.		Sand-wort	47
Millet-Grass	84	P.		Sanicle	55, 16
Mint	66	P.		Sassifras Tree	22
Missletoe	113	P.			
Moly	98	P.			

Savin 35	Stock 53	Vine 43
Savoy 99	Stock-Gilliflower 100	Violet 81
Saw-wort 73	Stonecrop 74	Viper's Bugloss 37, 101
Saxifrage 73	Storax 30	Viper's Grass . . . 102
Scabiosa 73, 102	Strawberry 59	Virgin's-bower 54, 41
Scorpion-Grass . . . 95	Strawberry-Tree . . 33	Virginian Cowslip . 57
Scorpion-Senna . . . 19	Sulphur-wort 68	Virginian Creeper . 43
Scotch-Fir 13	Sumach 23, 42	Virginian Guckler-rose . 30
Scull-cap 74	Sunflower 61, 68	Virginian Poke . . . 69
Scurvy-Grass 55, 100	Swallow-wort 49	W.
Sea Chickweed 48	Sweet Bay 87	Wall Cress 48
Sea Heath 59	Sweet-Briar 15, 27	Wall-flower 100
Sea Kale 50	Sweet-flag 95	Walnut 12
Self-heal 71	Sweet-Gale 22	Water Cress 90
Sedge 95	Sweet-Mandarin . . . 44	Water Drop-wort . . 96
Service Tree 15, 30	Sweet-William 56	Water Hemlock 98, 94
Shepard's-Staff . . . 53	Sycamore 9	Water Horehound . . 65
Shore-weed 95	Syrian Rue 63	Water Lily 94
Shrubby Horns-tail . 35	Syringo 22	Water Milfoil 93
Skirret 76	T.	Water Parsnep . . . 76
Skunk-weed 70	Tamarisk 113	Water Plantain . . . 98
Sloe Tree 13	Tansy 78	Water Soldier 94
Smallage 98	Tarragon 48	Water Violet 95
Snake-root 48	Tare 85	Way-faring Tree . . 32
Sneeze-wort 45	Tea 39	Wheat 85
Snowdrop 89	Tensel 95, 100	White Beam 13
Snowdrop Tree 20	Thistle 53, 99	Whitlow Grass . . . 57
Snow-flake 90	Throat-wort 103	Whortle-berry . . . 31, 40
Soap-wort 78	Thrift 77	Willow 14
Soft-Grass 84	Thyme 78	Willow-herb 57, 66
Solomon's Seal 55	Toad-flax 47	Winter Aconite . . . 89
Southernwood 33	Tooth-wort 56	Winter Cherry . . . 69
Sorrel 78	Tooth-ach Tree . . . 32	Winter-berry 22, 68
Sorrel Tree 16	Tormentil 79	Winter Cress 58
Sow Thistle 76, 96	Traveller's-Joy . . . 41	Winter-green 79
Spear-wort 71	Trefoil 79, 86	Witch Hazel 20
Speedwell 86, 94	Trumpet-flower . . . 41	Woad 101
Spider-wort 79	Tulip 92	Wolf's-bane 45
Spiguel 61	Tulip-Tree 18	Woodbine 42
Spindle-Tree 11, 29, 50	Tupelo-Tree 12	Wood-sorrel 82
Spruce Fir 12	Turnip 85, 99	Worm-grass 77
Spurge 58, 101	Tutsan 35	Wormwood 48
Spurge Laurel 35	Tway-blade 91	Y.
Squill 92	V.	Yarrow 44
Staff-Tree 18, 41	Valerian 80	Yellow Dead-nettle . 36
Star of Bethlehem . . 91	Vervain 80, 103	Yellow-root 15, 39
Star-wort 49, 95	Vernal Grass 82	Yew Tree 39
Stavesacre 100	Vetch 87, 103	
Stitch-wort 77		

ERRATA AND OMISSIONS, IN DIVISION I.

- Page 6, line 14, *for resources, read sources.*
 — 7, — 23, *for Succours, read Suckers.*
 — 8, — 20, *for spicalus, read spicatus.*
 — 11, — 41, *for 2. Class, read 21. Class.*
 — 20, — 16, *for Philyrasoides, read Philyrazoides.*
 — 21, — 3, *for Hippophæa, read Hippophæ.*
 — 22, — 53, *for Ptelea, read Ptelea.*
 — 34, — 9, *for Bupleiurum, read Bupleurum.*
 — 38, — 3, *for Polygonium, read Polygonum.*
 — 48, — 43, *for Tarragan, read Tarragon.*
 — 56, — 41, *for 12. Class, read 10. Class.*
 — 86, — 22, *for Sativa, read Sativum.*
 — 89, — 23, *for Fritillaria, read Fritillaria.*
 — 93, — 36, *for Manyanthes, read Menyanthes.*
 — 95, — 51, *for Myasitis, read Myosotis.*
 — 102, — 24, *for Ranuculus, read Ranunculus.*

Add before Vaccinium, page 31.

		Cl. Or. Prop. Flow. Soil. Ht.	Country.
TAMARIX,	TAMARISK.	5. 1.	
gallica.	French	Cut: June S.L. 12.	Britain.
germanica.	German	— July M.S. 8.	Germany.

Add before Ulex, page 42.

VISCUM,	MISSELTOE.	22. 4.	
album.	Common	Seed May —	2. Britain.

The Misseltoc is propagated by inserting a few seeds, by pressure, into the axils of the branches of the Apple, Thorn, Mespilus, &c. having first made a slight incision, just through the cortex or outer bark.

Add after Cochlearia page 53.

Armoracia.	Horse-Radish.	w. May R.M. 3.	Britain.
------------	---------------	----------------	----------

Add before Cynoglossum, page 56.

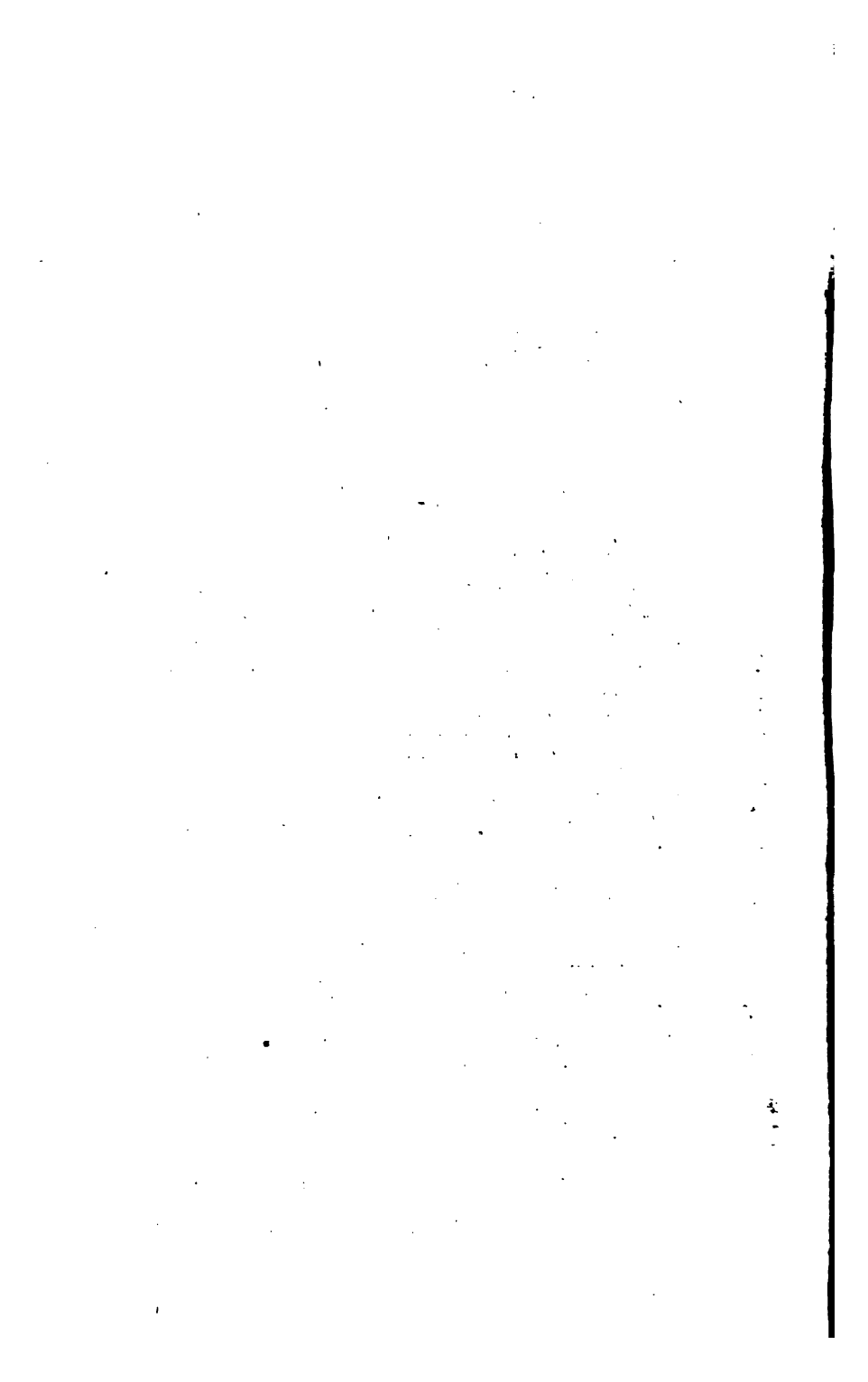
CYNARA,	ARTICHOKE.	19. 1.	
Scolymus.	French	Suc: July R.M. 4.	S. Em.
— globosa.	— Globe	— — —	—
Cardunculus.	Cardoon.	Seed — — —	Levant.

This CALCULATION is added that a ready estimate may be made of the Number of Plants requisite to plant an English Acre of Ground, according to their sorts and sizes; the Plants distant as below. As also, the number of Rods, Yards, and Feet, when let to prepare for planting.

Feet apart.	No. of Plants.	Feet apart.	No. of Plants.
1	43560	10	435
1½	19360	11	360
2	10890	12	302
2½	6969	13	257
3	4840	14	222
3½	3556	15	193
4	2722	16	170
4½	2232	17	150
5	1742	18	134
6	1210	19	120
7	889	20	108
8	680	25	69
9	537	30	48

One Acre contains

160 Rods or Poles—4840 Yards—43560 Feet.



SECOND DIVISION.

GREENHOUSE PLANTS.

Subdivided into Five Sections:

1. Trees and Shrubs, 2. Climbing Plants, 3. Succulent Plants, 4. Bulbs,
- and 5. Herbaceous Plants.

Such Plants are comprehended under this title, which require Protection, and are preserved best by different modes of treatment, yet with nearly the same temperature of heat; for which purpose, the Dry-Stove, Orangery, Heathery, Conservatory, and Sinarium, have been found the best adapted; although the greater number may be kept in the different stations of a good Greenhouse.

In the Dry-Stove, the heat should be rather stronger than in the Orangery or Greenhouse, and with less air. The Heathery requires less heat than the Orangery, but much more air. In the Conservatory and Sinarium the plants are disposed in beds, and planted in the soil best adapted for each; the same temperature should be kept in the Conservatory as in the Orangery; but no artificial heat is necessary for the Sinarium. The whole of the superstructure of both the last buildings, should be made so as to be removed in Summer; where this is not possible, the entire roofs must be taken off—otherwise, as the plants are stationary, they will be drawn up to the top of the building, and look ugly by growing naked at the bottom.

In that Column where, through the preceding Division, the height of the plant was noted, in this, the sort of House is indicated by the initials; thus, D.S. Dry-Stove—Ora: Orangery—Hth: Heathery—Con: Conservatory—Sin: Sinarium. If the plant is a Tree in its native country, a *t.* will be formed at the head of the line; if Biennial, a *b.*

SECTION I.—TREES AND SHRUBS.

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
ADELIA,	ADELIA.	22.13.					
acidoton.	Box-leaved		Cut:	June	P.L.	D.S.	<i>W. Ind.</i>
AITONIA,	AITONIA.	16.3.					
capensis.	Cape		Cut:	June	P.L.	D.S.	<i>C.G.H.</i>
ALONSOA,	ALONSOA.	14.2.					
<i>b.</i> hybrida.	Bastard		Cut:	May	S.P.	Ora:	<i>Chili.</i>
— inclsa.	Nettle-leaved		Seed	—	—	—	
— linearis.	Linear-leaved		Cut:	—	—	—	<i>Peru.</i>
AMELLUS,	AMELLUS.	19.2.					
lychnitis.	Trailing		Cut:	May	P.L.	Ora:	<i>C.G.H.</i>

		Cl. Or.	Prop. Flow.	Boll. House.	Country.
AMORPHA, pubescens.	BASTARD INDIGO.	17. 4.		Seed Aug: S.P. Con:	N. Am.
AMYRIS, polygama.	Downy				
t. ANAGYRIS, foetida.	BALSAM-TREE.	8. 1.		Cut: July P.L. Con:	Chili.
ANCHUSA, capensis.	Simple-leaved				
ANDERSONIA, spengeloides.	BEAN TREFOIL.	10. 1.		Seed May P.L. Ora:	Sicily.
ANDROMEDA, sinensis.	Stinking				
ANTHOCERCIS, littorea.	BUGLOSS.	5. 1.		Seed July P.L. Ora:	C.G.H.
ANTHOSPERMUM, aethiopicum.	Cape				
ANTHYLLIS, barba-jovis.	ANDERSONIA.	5. 1.		Cut: June S.P. D.S.	N. Hol.
cretica.	Sprengelia-like				
cytissoides.	ANDROMEDA.	10. 1.		Lay: July P.L. Sin:	China.
echinata.	Chinese				
erinacea.	ANTHOCERCIS.	14. 2.		Cut: July S.P. Ora:	N. Hol.
hermannia.	Yellow				
heterophylla.	AMBER-TREE.	22. 4.		Cut: June P.L. Ora:	C.G.H.
AOTUS, cordifolia.	Ethiopian				
* villosa.	KIDNEY-VETCH.	17. 4.		Cut: May P.L. Ora:	S. Eu.
ARAUCARIA, excelsa.	Jupiter's Beard			June	Crete.
t. imbricata.	Cretan				Spain.
ARBUTUS, cassinifolia.	Cytissus-like				Levant.
t. longifolia.	Hedge-hog			May S.P.	Spain.
ARCTOTIS, abrotanifolia.	Prickly			June P.L.	Levant.
aspera alba.	Lavender-leaved				S. Eu.
— aurea.	Various-leaved				
auriculata.	AOTUS.	10. 1.		Seed May S.P. D.S.	N. Hol.
paleacea.	Heart-leaved				
plantaginea.	Hairy-leaved				
scariosa.	ARAUCARIA.	22. 13.		Cut: May P.L. Con:	Nor. Isle.
superba-alba.	Norfolk-Isl: Pine				Chiti.
— aurea.	Sr J. Banks's Pine				
ARDUA, excelsa.	STRAWBERRY-TREE.	10. 1.		Lay: May L.P. Ora:	Madeira.
ARDUINA, bispinosa.	Cassine-leaved.			Bud: Oct: P.L. Con:	Teneriff.
ASCLEPIAS, arborescens.	Long-leaved				
fruticosa.	ARCTOTIS.	19. 4.		Cut: May P.L. Ora:	C.G.H.
undulata.	Southern-wood lvd:				
crispa.	Harsh white-fl:				
	— Orange-fl:				
	Ear-leaved				
	Chaffy			July	
	Plantain-leaved				
	Rough			June	
	Superb-white				
	— Orange				
	ARDISIA.	6. 1.		Cut: Aug: S.L. Con:	Madeira.
	Aderno-Tree				
	ARDUINA.	5. 1.		Cut: July P.L. Ora:	C.G.H.
	Two-spined				
	SWALLOW-WORT.	5. 2.		Cut: Nov: S.P. Ora:	C.G.H.
	Tree			July P.L.	
	Shrubby				
	Wave-leaved				
	Curled-leaved				

GREENHOUSE PLANTS.—Second Division, Sec. 1.

117

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
ASCYRUM, Cruz-Andree.	ASCYRUM. St. Andrew's Cross	18. 4.	Cat:	July	S.P.	Ora:	N. Am.
ASPALATHUS, albena.	ASPALATHUS. Silky	17. 4.	Cut:	July	P.L.	Hth:	C.G.H.
argentea.	Silvery		—	June	—	—	—
carnosa.	Fleshy-leaved		—	June	—	—	—
chenopoda.	Cluster-leaved		—	July	—	—	—
ciliaris.	Hairy-leaved		—	—	—	—	—
crassifolia.	Thick leaved		Seed	—	—	—	—
ericifolia.	Heath-leaved		Cut:	Aug:	—	—	—
globosa.	Globular		—	June	—	—	—
pedunculata.	Long-pedunculed		Seed	July	—	—	—
ulicina.	Furze-like		—	June	—	—	—
ASPARAGUS, albas.	ASPARAGUS. White	6. 1.	Root	Aug:	S.P.	Ora:	Spain.
asiaticus.	Asiatic		—	—	—	—	Asia.
capensis.	Cape		—	—	—	—	C.G.H.
declinatus.	Long-leaved		—	July	—	—	—
retrofractus.	Larch-leaved		—	Sept:	—	—	—
scandens.	Climbing		—	May	—	—	—
ASTER, argophyllus.	STARWORT. Musk-scented	19. 2.	Cut:	July	S.P.	Ora:	N. Hol.
australis.	Lyre-leaved		—	Aug:	—	—	—
dentatus.	Tooth-leaved		—	June	P.L.	—	C.G.H.
fruticosus cœr:	Shrubby Blue		—	—	—	—	—
— flo; albo:	— White-flowd:		—	—	—	—	—
pedunculatus.	Long-pedunculed		—	—	—	—	—
reflexus.	Reflex leaved		—	—	—	—	—
sericeus.	Silky		—	July	S.P.	—	N. Am.
ASTROLOMA, humifusum.	ASTROLOMA. Procumbent	5. 1.	Cut:	Aug:	S.P.	D.S.	N. Hol.
* juniperinum.	Juniper-leaved		—	—	—	—	—
ATHANASIA, capitata.	ATHANASIA. Hairy	19. 1.	Cut:	April	L.P.	Ora:	C.G.H.
crithmifolia.	Samphire-leaved		—	July	—	—	—
dentata.	Tooth-leaved		—	—	—	—	—
filiformis.	Fine-leaved		—	Aug:	—	—	—
parviflora.	Small-flowered		—	—	—	—	—
tomentosa.	Gray		—	July	—	—	—
trifurcata.	Trifid		—	—	—	—	—
ATRAPHAXIS, spinosa.	ATRAPHAXIS. Prickly	6. 3.	Cut:	Aug:	L.P.	Ora:	Levant.
undulata.	Wave-leaved		—	June	—	—	C.G.H.
ATRAGENE, capensis.	ATRAGENE. Cape	13. 7.	Seed	May	P.L.	Ora:	C.G.H.
ATRIPLEX, albicans.	ORACHE. White	23. 1.	Cut:	July	S.L.	Ora:	C.G.H.
glauc.	Sea-green		—	Aug:	—	—	S. Eu.
ATROPA, frutescens.	ATROPA. Shrubby	5. 1.	Cut:	Mar:	S.L.	Ora:	Spain.
AZALEA, Indica.	AZALEA. Chinese	5. 1.	Lay:	Mar:	P.L.	Sin:	China.

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
BACCHARIS,	BACCHARIS.	19. 2.					
<i>ivaeifolia.</i>	Sawed-leaved		Cut:	July	L.P.	Ora:	S. Am.
<i>neriifolia.</i>	Oleander-leaved		Aug:				C.G.H.
BÆCKIA,	BÆCKIA.	8. 1.					
<i>frutescens.</i>	Chinese		Lay:	Oct:	S.L.	Sim:	China.
<i>virgata.</i>	Twiggy		Cut:	July	S.P.	Con:	N. Hol.
BANKSIA,	BANKSIA.	4. 1.					
<i>attenuata.</i>	Smooth-flowered		Lay:	Aug:	S.P.	Ora:	N. Hol.
<i>dentata.</i>	Tooth-leaved		Seed				
<i>ericifolia.</i>	Heath-leaved		Cut:	July			
<i>grandis.</i>	Large-flowered		Seed	Aug:			
<i>latifolia.</i>	Broad-leaved						
<i>littoralis.</i>	Sea-side		Cut:				
<i>marcescens.</i>	Drooping-leaved			April			
<i>marginata.</i>	Various-leaved		G.A.	May			
<i>paludosa.</i>	Marsh		Lay:	Mar:			
<i>præmorsa.</i>	Ragged-end-lvd:			July			
<i>serrata.</i>	Sawed-leaved		Seed	Aug:			
<i>spinulosa.</i>	Prickly-leaved		Cut:				
<i>verticillata.</i>	Whorl-leaved						
BAUERA,	BAUERA.	18. 2.					
<i>humilis.</i>	Dwarf		Cut:	May	S.P.	Ora:	N. Hol.
<i>rubroides.</i>	Madder-like						
BEAUFORTIA,	BEAUFORTIA.	18. 3.					
<i>decussata.</i>	Square-leaved		Cut:	July	S.P.	Ora:	N. Hol.
<i>glauca.</i>	Glaucous						
<i>sparsa.</i>	Alternate-leaved			Aug:			
BERBERIS,	BARBERRY.	6. 1.					
<i>sinensis.</i>	Chinese		Lay:	June	S.L.	Ora:	China.
BLÆRIA,	BLÆRIA.	4. 1.					
<i>articulata.</i>	Jointed-stemmed		Cut:	Aug:	S.P.	Hth:	C.G.H.
<i>ciliaris.</i>	Ciliated			July			
<i>ericoides.</i>	Heath-leaved						
<i>purpurea.</i>	Purple-flowered			Aug:			
BORBONIA,	BORBONIA.	17. 4.					
<i>cordata.</i>	Heart-leaved		Seed	July	P.L.	D.S.	C.G.H.
<i>crenata.</i>	Notch-leaved			May			
<i>lanceolata.</i>	Spear-leaved		Cut:				
<i>lævigata.</i>	Smooth-leaved		Seed	July			
<i>trinervia.</i>	Three-nerved						
BORONIA,	BORONIA.	8. 1.					
<i>pinnata.</i>	Hawthorn-sectd:		Lay:	April	S.P.	D.S.	N. Hol.
BOSSA,	GOLDEN-ROD TREE.	5. 2.					
<i>yervamora.</i>	Canary		Cut:	July	P.L.	Ora:	Canaria.
BOSSIAEA,	BOSSIAEA.	17. 4.					
<i>cinerea.</i>	Sharp-leaved		Seed	June	S.P.	D.S.	N. Hol.
<i>heterophylla.</i>	Various-leaved						
<i>linophylla.</i>	Narrow-leaved		Cut:	Aug:			
<i>microphylla.</i>	Small-leaved		Seed	July			
<i>obcordata.</i>	Inversely Ht-shpd:						
<i>prostrata.</i>	Trailing						
<i>rufa.</i>	Red-flowered						
<i>scolopendrium.</i>	Plank Plant		Cut:	June			

		Cl. Or.	Prop.	Flow.	Soll.	House.	Country.
BOUVARDIA, triphylla.	BOUVARDIA.	4. 1.					
BRABEJUM.	Scarlet-flowered		Cut:	July	S.P.	Ora:	Mexico.
stellatifolium.	BRABEJUM.	23. 1.					
BRACHYSEMA, latifolium.	African Almond.		Lay:	Apr:	P.L.	Ora:	C.G.H.
BRUNIA,	BRACHYSEMA.	10. 1.					
abrotanoides.	Broad-leaved		Cut:	June	S.P.	D.S.	N. Hol.
candicans.	BRUNIA.	5. 1.					
elegans.	Southern-wood		Cut:	July	P.L.	Hth:	C.G.H.
ericoides.	White-end		— Aug: —	—	—	—	—
fragaroides.	Long-leaved		— June —	—	—	—	—
imbricata.	Heath-leaved		— Aug: —	—	—	—	—
lanuginosa.	Strawberry-flow:		— June —	—	—	—	—
nodiflora.	Imbricated		— July —	—	—	—	—
paleacea.	Woolly-headed		— July —	—	—	—	—
radiata.	Hard-headed		— July —	—	—	—	—
speciosa.	Chaffy-headed		— July —	—	—	—	—
superba.	Ray-flowered		— July —	—	—	—	—
BUBON,	Fine-leaved		— July —	—	—	—	—
Galbanum.	Superb		— July —	—	—	—	—
gummiferum.	BUBON.	5. 2.					
laevigatum.	Lovage-leaved		Seed	July	S.L.	Ora:	C.G.H.
BUCHNERA,	Gum-bearing		— Oct: —	—	—	—	—
pedunculata.	Smooth		— Oct: —	—	—	—	—
viscosa.	BUCHNERA.	14. 2.					
BUDDLEA,	Long-pedunculed		Cut:	June	P.L.	Ora:	C.G.H.
salvifolia.	Clammy		— May —	—	—	—	—
BUPTHALMUM,	BUDDLEA.	4. 1.					
arborescens.	Sage-leaved		Cut:	Aug:	S.L.	Ora:	C.G.H.
frutescens.	Ox-EYE.	19. 2.					
sericeum.	Tallest		Cut:	June	P.L.	Ora:	Bohemia.
BOUPLEURUM,	Shrubby		— July —	—	—	—	N. Am.
difforme.	Silky		— July —	—	—	—	Canaries.
spinosum.	HARE'S-EAR.	5. 2.					
BURSARIA,	Various-leaved		Root	July	P.L.	Ora:	C.G.H.
spinosa.	Spiny		Cut:	Aug:	—	—	Spain.
BURTONIA,	BURSARIA.	5. 1.					
solanacea.	Thorny		Cut:	May	S.P.	Con:	N. Hol.
BYSTROPOGON,	BURTONIA.	10. 1.					
canariense.	Solanum-like		Seed	June	S.P.	D.S.	N. Hol.
pectinatum.	BYSTROPOGON.	10. 1.					
plumosum.	Canary		Cut:	July	P.L.	Ora:	Canaries.
punctatum.	Balm-leaved		— July —	—	—	—	Pers.
CALENDULA,	Woolly-flowered		— July —	—	—	—	Canaries.
arborescens.	Cluster-flowered		— July —	—	—	—	Madeira.
aurca.	MARYGOLD.	19. 4.					
dentata.	Rough-leaved		Cut:	Jan:	P.L.	Ora:	C.G.H.
fruticosa.	Glaucous		— July —	—	—	—	—
graminifolia.	Toothed-leaved		— July —	—	—	—	—
grandiflora.	Shrubby		— July —	—	—	—	—
	Grass-leaved		— July —	—	—	—	—
	Large-flowered		— July —	—	—	—	—

		Cl.	Or.	Pro.	Flow.	Soil.	House.	Country.
CALENDULA,	MARYGOLD.	19.	4.					
tragus major.	Long-leaved			Cut:	June	P.L.	Ora:	C.G.H.
— minor.	— Smaller			—	—	—	—	—
viscosa.	Clammy			—	July	—	—	—
CALLICARPA,	CALLICARPA.	4.	1.					
sinensis.	Chinese			Cut:	May	P.L.	Sin:	China.
CALLICOMA,	CALLICOMA.	11.	2.					
serratifolia.	Sawed-leaved			Cut:	July	S.P.	Ora:	N. Hol.
CALLISTACHIS,	CALLISTACHIS.	10.	1.					
lanceolata.	Spear-leaved			Seed	Aug:	S.P.	Ora:	N. Hol.
ovata.	Oval-leaved			—	—	—	—	—
CALOTHAMNUS,	CALOTHAMNUS.	18.	3.					
glacilis.	Fine-leaved			Cut:	July	S.P.	Ora:	N. Hol.
quadrifida.	Four-cleft			—	June	—	—	—
villosa.	Hairy			—	—	—	—	—
CAMELLIA,	CAMELLIA.	16.	7.					
japonica.	Japan Rose.			Cut:	Mar:	P.L.	Sin:	China.
— alba simp:	Single White			G.A.	—	—	—	—
— pleno.	Double White			—	—	—	—	—
— fol: mac:	— Spotted-leaved			—	—	—	—	—
— anemoniflora.	Warrata			—	May	—	—	—
— atrorubens.	Dark Red			—	Apr:	—	—	—
— carnea.	Lady Hume's Blush			—	—	—	—	—
— flavescens.	Buff			—	—	—	—	—
— incarnata.	Pink			—	—	—	—	—
— longifolia.	Long-leaved			—	Mar:	—	—	—
— mutabilis.	Pomponé			—	May	—	—	—
— myrtifolia.	Myrtle-leaved			—	—	—	—	—
— pæoniæflora.	Peony-flowered			—	Apr:	—	—	—
— rubra major.	Large Red			—	—	—	—	—
— pallida.	Pale Red			—	—	—	—	—
— coronata.	Coronet			—	—	—	—	—
— fol: var:	Striped-leaved			—	—	—	—	—
— semipleno.	Semi-double			—	—	—	—	—
— striato.	Striped-flowered			—	Mar:	—	—	—
— fol: mac:	— Spotted-leaved			—	—	—	—	—
Sasanqua.	Tea-leaved			—	June	—	—	—
CAMPANULA,	BELL-FLOWER.	5.	1.					
aurea.	Golden			Seed	July	S.P.	D.S.	Madeira.
fruticosa.	Shrubby			—	—	P.L.	—	C.G.H.
CAMPHOROSMA,	CAMPHOROSMA.	4.	1.					
monspeliaca.	Hairy			Cut:	July	P.L.	Ora:	S. Ex.
CAPPARIS,	CAPER.	13.	1.					
elaagnifolia.	Oleaster-leaved			Lay:	July	L.P.	Sin:	China.
spinosa.	Common			Cut:	Aug:	S.L.	D.S.	S. Ex.
CAPRARIA,	CAPRARIA.	14.	2.					
lanceolata.	Willow-leaved			Cut:	July	P.L.	Ora:	C.G.H.
lucida.	Shining-leaved			Seed	May	—	—	—
undulata.	Wave-leaved			Cut:	—	—	—	—
CARDUUS,	THISTLE.	19.	1.					
Casabonæ.	Fish			Seed	July	P.L.	Ora:	S. Ex.

GREENHOUSE PLANTS.—*Second Division, Sec. 1.*

121

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
CARTHAMUS,	CARTHAMUS.	19. 1.					
arborescens.	Tree		Cut:	July	S.P.	Ora:	Spain.
integrifolius.	Willow-leaved		— Aug:	—	—	—	Madeira.
CASSIA,	CASSIA.	10. 1.					
corymbosa.	Corymbose		Seed	July	S.P.	Ora:	S. Am.
multiglandulosa.	Glandulous		—	—	—	—	—
CASSINE,	CASSINE.	5. 3.					
†. capensis.	Cape		Cut:	June	P.L.	Ora:	C.G.H.
— Colpoon.	Colpoon-Tree		—	—	—	—	—
— maurocenia maj:	Hottentot Cherry		— July	—	—	—	—
— minor.	— lesser H: C:		—	—	—	—	—
CASUARINA,	CASUARINA.	21. 1.					
†. equisetifolia.	Horse-tail		Seed	Oct:	S.P.	Con:	E. Ind.
— stricta.	Upright		— Sept:	—	—	—	N. Hol.
— suberosa.	Corky-barked		—	—	—	—	—
CEANOTHUS,	CEANOTHUS.	5. 1.					
africanus.	African		Cut:	Apr:	P.L.	Ora:	C.G.H.
globosus.	Round-headed		—	—	—	—	—
CELASTRUS,	STAFF-TREE.	5. 1.					
buxifolius.	Box-leaved		Cut:	June	P.L.	Ora:	C.G.H.
cassinoides.	Crenate-leaved		— Aug:	—	—	—	—
lucidus.	Shining-leaved		— July	—	—	—	—
pyracanthus.	Pyracantha-ld:		— June	—	—	—	—
CELTIS,	NETTLE-TREE.	23. 4.					
sinensis.	Chinese		Cut:	Oct:	P.L.	Sin:	China.
CERATONIA,	CAROB-TREE.	23. 2.					
†. siliqua.	Common		Seed	Oct:	S.L.	Ora:	Portugal.
CESTRUM,	CESTRUM.	5. 1.					
Parqui.	Willow-leaved		Cut:	July	P.L.	Ora:	Chili.
* venetum.	Poison-Tree		Seed	Mar:	—	D.S.	C.G.H.
CHEIRANTHUS,	STOCK.	15. 2.					
mutabilis.	Changeable		Cut:	May	L.P.	Ora:	Madeira.
tenuifolius.	Fine-leaved		—	—	—	—	C.G.H.
†. tristis.	Dark-flowered		Seed	June	R.M.	—	S. Eu.
CHIRONIA,	CHIRONIA.	5. 1.					
angustifolia.	Narrow-leaved		Cut:	July	S.P.	D.S.	C.G.H.
baccifera.	Berry-bearing		Seed	—	—	—	—
decussata.	Cross-leaved		Cut:	—	—	—	—
frutescens.	Shrubby		—	—	—	—	—
linoides.	Glaucous-leaved		—	—	—	—	—
tabulare.	Slender-stem'd		—	—	—	—	—
CHORIZEMA,	CHORIZEMA.	10. 1.					
ilicifolia.	Holly-leaved		Lay:	July	S.P.	D.S.	N. Hol.
nana.	Dwarf		Seed	—	—	—	—
rhombea.	Few-flowered		Cut:	May	—	—	—
CHRYSANTHEMUM,	CHRYSANTHEMUM.	19. 2.					
flosculosum.	Tooth-leaved		Cut:	July	P.L.	Ora:	Candia.
frutescens.	Shrubby		— Mar:	—	—	—	Canaries.
lacerum.	Ragged-leaved		—	—	—	—	—
pinnatifidum.	Cut-leaved		— July	—	—	—	Madeira.
CHRYSOCEMA,	GOLDY-LOCKS.	19. 1.					
cernua.	Small Shrubby		Cut:	June	P.L.	Ora:	C.G.H.

		Cl. Or.	Prop.	Flaw.	Boll.	House.	Country.
CHRYSOCOMA,	GOLDY-LOCKS.	19. 1.					
<i>ciliaris.</i>	Heath-leaved	Cut:	July	P.L.	Ora:	C.G.H.	
<i>Coma-aurea.</i>	Great Shrubby	— June					
<i>scabra.</i>	Rough	— Aug:					
CINERARIA,	CINERARIA.	19. 2.					
<i>Amelloides.</i>	Cape Aster	Seed Apr:	P.L.	Ora:	C.G.H.		
<i>geifolia.</i>	Kidney-leaved	Cut: May					
<i>hybrida.</i>	Bastard	Cut:					
<i>lanata.</i>	Woolly-leaved	—				Canariés.	
<i>lobata.</i>	Lobe-leaved	— June				C.G.H.	
<i>parviflora.</i>	Small-flowered	— July					
<i>populifolia.</i>	Poplar-leaved	—				Canaries.	
<i>viscosa.</i>	Clammy	—				C.G.H.	
CISTUS,	ROCK ROSE.	13. 1.					
<i>algarvensis.</i>	Algarvian	Cut: July	P.L.	Ora:	Portugal.		
<i>canariensis.</i>	Canary	—				Canaries.	
<i>canus.</i>	White Dwarf	— Apr:				S. Eu.	
<i>creticus.</i>	Cretan	— July				Crete.	
<i>crispus.</i>	Crisp'd-leaved	Seed May				Portugal.	
<i>formosus.</i>	Large Yellow	Cut: July					
<i>fumana.</i>	Heath-leaved	Seed —	S.P.	D.S.	S.France.		
<i>halimifolius.</i>	Sea purslane-lvd:	Cut: —	P.L.	Ora:	Portugal.		
<i>lævipes.</i>	Fine-leaved	Seed June	S.P.	D.S.	S.France.		
<i>Libanotis.</i>	Rosemary-leaved	Cut: July	P.L.	Ora:	Spain.		
<i>oleæfolius.</i>	Olive-leaved	—					
<i>syriacus.</i>	Syrian	— June				Syria.	
<i>vaginatus.</i>	Sheath-leaved	— May				Teneriff.	
<i>villosus.</i>	Hairy-leaved	— June				S.France.	
<i>umbellatus.</i>	Umbellated	—				Portugal.	
CITRUS,	CITRUS.	18. 4.					
<i>Aurantium.</i>	Common Orange	Bud: June	R.M.	Ora:	China.		
2. —	Bloody-fruited	—					
3. —	Broad-leaved	—					
4. —	Burgamot large	—					
5. —	— small B:	—					
6. —	Cluster-fruited	—					
7. —	Curled-leaved	—					
8. —	Double-flwd:	—					
9. —	Fine-leaved	—					
10. —	Laurel-leaved	—					
11. —	Lisbon	—					
12. —	Maltese	—					
13. —	Bloody M:	—					
14. —	Monstrous	—					
15. —	Myrtle-lvd: large	—					
16. —	— small M: L:	—					
17. —	Narrow-leaved	—					
18. —	Oval-fruited	—					
19. —	Pale-leaved	—					
20. —	Seville	—					
21. —	Spike-flowered	—					
22. —	Striped common	—					

GREENHOUSE PLANTS.—*Second Division, Sec. 1.*

123

		Cl. Or. Prop. Flow. Bull. House. Country.	
	18. 4.		
CITRUS,	CITRUS,		
23. <i>Aurantium.</i>	Striped curled-lyd:	Bud: June R.M. Ora:	China.
24. _____	— Gold	_____	_____
25. _____	— Silver	_____	_____
26. _____	— Tri-col:	_____	_____
27. _____	— Willow-lyd:	_____	_____
28. _____	Sweet-skinned	_____	_____
29. _____	Sweet-China	_____	_____
30. _____	Tanjierano	_____	_____
31. _____	Thick-leaved	_____	_____
32. _____	Weeping	_____	_____
33. _____	Willow-leaved	_____	_____
<i>Buxifolia,</i>	Box-leaved	_____	_____
<i>Decumana.</i>	Shaddock	_____	_____
2. _____	Rough-fruited	_____	_____
3. _____	West India	_____	_____
4. _____	Largest-fruited	_____	_____
<i>Limon.</i>	Lemon common	_____	_____
2. _____	Broad-leaved	_____	_____
3. _____	Chinese	_____	_____
4. _____	Imperial	_____	_____
5. _____	Pear-shaped	_____	_____
6. _____	Rough-fruited	_____	_____
7. _____	Smooth-leaved	_____	_____
8. _____	Striped Gold	_____	_____
9. _____	— Silver	_____	_____
10. _____	— Three-colored	_____	_____
11. _____	Upright	_____	_____
12. _____	Warted-fruited	_____	_____
<i>Limonella.</i>	Lime common	_____	_____
2. _____	Broad-leaved	_____	_____
3. _____	Chinese spreading	_____	_____
4. _____	Weeping	_____	_____
5. _____	West India	_____	_____
<i>Medica.</i>	Citron common	_____	_____
2. _____	Flat-fruited	_____	_____
3. _____	Rough-fruited	_____	_____
4. _____	Forbidden-fruit	_____	_____
5. _____	Round-fruited	_____	_____
6. _____	Thick-leaved	_____	_____
<i>Nobilis,</i>	Mandarine	_____	_____
<i>Trifoliata.</i>	Three-leaved	Cnt: Aug: P.L. D.S.	E. Ind.
CLERODENDRUM,	CLERODENDRUM.	14. 2.	
<i>tomentosum.</i>	Cumberland-Tree.	Seed Aug: S.P. D.S.	N. Hol.
CLETHRA,	CLETHRA.	10. 1.	
<i>arboresc.</i>	Tree	Cnt: July P.L. Con:	Madeira.
CLIFFORTIA,	CLIFFORTIA.	22.12.	
<i>crenata.</i>	Notch-leaved	Cnt: June P.L. Ora:	C.G.H.
<i>canacata.</i>	Wedge-leaved	_____	_____
<i>ericafolia.</i>	Heath-leaved	_____	_____
<i>ilicifolia.</i>	Holly-leaved	_____	_____
<i>obcordata.</i>	Obverse Heart-ld:	_____	_____
<i>trifoliata.</i>	Three-leaved	_____	_____

		Cl. Or.	Prop. Flwy.	Soll. House.	Country.
		22.	14.		
CLUYTIA,	CLUYTIA.			Cut: Mar: P.L. Ora: C.G.H.	
alaternoides.	Narrow-leaved			— May —	—
daphnoides.	Daphne-like			—	—
ericoides.	Heath leaved			—	—
polifolia.	Polium-leaved			—	—
polygonoides.	Polygonum-lvd.			— June —	—
pulchella.	Broad-leaved			— July —	—
CNEORUM,	WIDDOW-WAIL.	3. 1.		Seed July S.L. Ora: S. Eu.	
triconcon.	Three-berried			—	—
COLUTEA,	BLADDER SENNA.	17. 4.		Seed July S.L. Ora: C.G.H.	
frutescens.	Scarlet Colutea			—	—
CONVOLVULUS,	BIND-WEED.	5. 1.		Cut: June P.L. Ora: Levant.	
cneorum.	Silvery-leaved			—	—
CONYZA,	FLEA-BANE.	19. 2.		Seed Aug: P.L. Ora: C.G.H.	
incisa.	Ear-leaved			— Oct: —	St. Helena.
rugosa.	St. Helena			— Aug: —	Canaries.
sericea.	Snowy			—	—
COOKIA,	WAMPEE-TREE.	10. 1.		Lay: June P.L. Sin: China.	
punctata.	Dotted			—	—
CORCHORUS,	CORCHORUS.	15. 2.		Cut: Feb: P.L. Sin: China.	
japonicus.	Japanese			—	—
CORONILLA,	CORONILLA.	17. 4.		Lay: May S.L. Ora: Crete.	
argentea.	Silvery-leaved			Cut: June R.M. Ora: S. Eu.	
glauca.	Seven-leaved			—	—
junceae.	Rush-like			— May —	—
valentina.	Nine-leaved			—	—
CORRÆA,	CORRÆA.	8. 1.		Cut: May S.P. Con: N. Hol.	
alba.	White			Lay: June — D.S. —	—
speciosa.	Red-flowered			Cut: — — Con: —	—
viridiflora.	Green-flowered			—	—
COTULA,	COTULA.	19. 2.		Cut: Jan: S.P. Ora: C.G.H.	
stricta.	Upright			—	—
CRATÆGUS,	HAWTHORN.	12. 2.		Gra: July P.L. Sin: Californ.	
arbutifolia.	Arbutus-leaved			Cut: May — — China.	
glabra.	Smooth Chinese			— June —	—
indica.	Indian			—	—
CROTOLARIA,	CROTOLARIA.	17. 4.		Cut: May P.L. D.S. C.G.H.	
cordifolia.	Heart-leaved			— June —	—
elegans.	Purple-flowered			Seed July S.P. —	—
floribunda.	Downy			—	—
incanescens.	Spreading			Cut: June P.L. —	—
junceae.	Rush-like			—	—
pulchella.	Large-flowered			Seed July —	—
triflora.	Three-flowered			—	—
CROWEA,	CROWEA.	10. 1.		Cut: Sep: S.P. D.S. N. Hol.	
saligna.	Willow-leaved			—	—
latifolia.	Broad leaved			—	—
CUPRESSUS,	CYPRESS TREE.	21. 8.		Seed May P.L. Ora: N. Hol.	
australis.	New Holland			Cut: — — — C.G.H.	
juniperoides.	Cape			— Apr: — — E. Ind.	
lusitanica.	Cedar of Goa			—	—
CURTISIA,	CURTISIA.	4. 1.		Cut: July S.L. Ora: C.G.H.	
t. faginea.	Hassagay-Tree			—	—

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
CUSSONIA,	CUSSONIA.	5. 2.					
1. spicata.	Spike-flowered		Cut:	July	S.L.	Ora:	C.G.H.
CYCLOPIA,	CYCLOPIA.	10. 1.					
genistoides.	Genista-like		Seed	June	P.L.	D.S.	C.G.H.
— latifolia.	— Broad-leaved		—	—	—	—	—
CYTISSUS,	CYTISSUS.	17. 4.					
divaricatus.	Branching		Seed	June	S.P.	Ora:	Canaries.
foliolosus.	Cluster-leaved		Cut:	May	P.L.	—	—
proliferus.	Silky		—	—	—	—	—
tomentosus.	Downy-leaved		Seed	July	—	—	C.G.H.
DAIS,	DAIS.	10. 1.					
cotinifolia.	Ven: Sumach-lyd:		Root	July	S.L.	Con:	C.G.H.
DAPHNE,	DAPHNE.	8. 1.					
odora.	Indian		Cut:	Mar:	R.M.	Sin:	China.
— fol: var:	— striped-lyd:		—	—	—	—	—
— flo: purp:	— purple-flow:		—	—	—	—	—
Oleaefolia.	— olive-leaved		Gra:	May	P.L.	Ora:	S. Eu.
DAVIESIA,	DAVIESIA.	10. 1.					
latifolia.	Broad-leaved		Seed	June	S.P.	D.S.	N. Hol.
saligna.	Willow-leaved		—	—	—	—	—
ulecina.	Furze-like		—	May	—	—	—
— major.	— Large F:		—	—	—	—	—
DECUMARIA,	DECUMARIA.	11. 1.					
sarmentosa.	Creeping-rooted		Lay:	Aug:	S.P.	Ora:	Carolina.
DIANTHUS,	PINK.	10. 2.					
fruticosus.	Shrubby.		Cut:	Aug:	R.M.	Ora:	Syria.
DIGITALIS,	FOXGLOVE.	14. 2.					
canariensis.	Canary		Seed	June	P.L.	Ora:	Canaries.
obscura.	Willow-leaved		—	Aug:	—	—	Spain.
sceptrum.	Madeira		—	—	—	—	Madeira.
DILLWYNIA,	DILLWYNIA.	10. 1.					
ericæfolia.	Heath-leaved		Cut:	June	S.P.	D.S.	N. Hol.
floribunda.	Close-flowered		—	—	—	—	—
glaberrima.	Smooth-leaved		—	—	—	—	—
hirta.	Hairy-leaved		—	—	—	—	—
DIOSMA,	DIOSMA.	5. 1.					
acuminata.	Pointed-leaved		Cut:	May	P.L.	Ora:	C.G.H.
capitata.	Round-headed		—	—	—	—	—
ciliata.	Ciliated		—	—	—	—	—
cordifolia.	Heart-leaved		—	June	—	D.S.	—
crassifolia.	Thick-leaved		—	—	—	—	—
crenata.	Scollop-leaved		—	—	—	—	—
cupressina.	Cypress-like		—	July	—	Ora:	—
ericoides.	Heath-like		—	May	—	—	—
fragrans.	Sweet		—	June	—	—	—
glandulosa.	Glandular-leaved		—	—	—	D.S.	—
hircina.	Goat-smelling		—	—	—	Ora:	—
hirsuta.	Hairy-leaved		—	—	—	—	—
hispida.	Rough-leaved		—	—	—	—	—
hybrida.	Bastard		—	—	—	—	—
imbricata.	Imbricated		—	July	—	—	—
latifolia.	Broad-leaved		—	Aug:	—	—	—

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
DIOSMA,	DIOSMA.	5. 1.					
oppositifolia.	Opposite-leaved	Cut:	June	P.L.	Ora:	C.G.H.	
orbicularis.	Round-leaved	—	July	—	—	—	
ovata.	Oval-leaved	—	May	—	—	—	
pulchella.	Pretty-flowering	—	—	—	—	—	
purpurea.	Purple	—	—	—	—	—	
reflexa.	Reflex-leaved	—	June	—	—	—	
scoparia.	Weeping	—	July	—	—	—	
serrulata.	Saw-leaved	—	—	—	—	—	
speciosa.	Shewy	—	—	—	—	—	
tenella.	Slender	—	—	—	D.S.	—	
tertifolia.	Balm-smelling	—	—	—	—	—	
tetragona.	Four-sided	—	Aug:	—	Ora:	—	
tomentosa.	Downy	—	July	—	—	—	
virgata.	Twiggy	—	—	—	—	—	
uniflora.	One-flowered	—	May	—	—	—	
umbellata.	Umbellated	—	—	—	—	—	
DODONÆA,	DODONÆA.	22. 7.					
angustifolia.	Narrow-leaved	Cut:	June	S.P.	Ora:	N. Hol.	
præmorsa.	Bitten-ended-lyd:	—	Aug:	—	—	—	
triquetra.	Triangular	Cut:	July	—	—	—	
DONNIA,	DONNIA.	19. 2.					
glutinosa.	Clammy.	Cut:	Aug:	S.P.	Ora:	Mexico.	
DORYCNium,	DORYCNium.	17. 4.					
monspeliense.	Shrubby	Seed	July	P.L.	Ora:	S. Eu.	
DRACOCERPHALUM,	DRAGON'S-HEAD.	14. 1.					
canariense.	Balm of Gilead	Seed	June	R.M.	Ora:	Canaries.	
DRYANDRA,	DRYANDRA.	4. 1.					
floribunda.	Many-flowered	Seed	July	S.P.	Ora:	N. Hol.	
longifolia.	Long-leaved	—	Mar:	—	—	—	
tenuifolia.	Narrow-leaved	—	Apr:	—	—	—	
ECHEUM,	VIPER'S BUGLOSS.	5. 1.					
argenteum.	Silvery-leaved	Seed	June	P.L.	D.S.	C.G.H.	
candicans.	Hoary	—	—	—	Ora:	Madeira.	
fruticosum.	Shrubby	Cut:	—	—	—	C.G.H.	
giganteum.	Giant	—	July	—	—	Canaries.	
glaucophyllum.	Smooth sea green	Seed	—	—	D.S.	C.G.H.	
grandiflorum.	Large-flowered	—	—	—	Ora:	—	
nervosum.	Strong-nerved	Cut:	—	—	—	Madeira.	
thyrsiflorum.	Long-spiked	—	Aug:	—	—	Canaries.	
EDWARDSIA,	EDWARDSIA.	10. 1.					
grandiflora.	Large-flowered	Cut:	May	S.P.	Com:	N. Zeal.	
— minor.	— smaller var:	—	—	—	—	—	
microphylla.	Small-leaved	—	—	—	—	—	
EKEBERGIA,	EKEBERGIA.	10. 1.					
capensis.	Cape	Seed	Aug:	P.L.	Ora:	C.G.H.	
ELÆAGNUS,	OLEASTER.	4. 1.					
latifolia.	Broad-leaved	Lay:	July	P.L.	Sin:	China.	
orientalis.	Oriental	—	—	—	Ora:	Lownd.	
ELÆODENDRON,	OLIVE WOOD.	5. 1.					
australe.	Thick-leaved	Cut:	July	S.L.	Ora:	N. Hol.	
EMPETRUM,	CROW-BERRY.	22. 3.					
album.	White-berried	Lay:	May	S.P.	Ora:	Portugal	

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
EMPLEURUM,	EMPLEURUM.	21.	3.				
<i>serrulatum.</i>	<i>Saw-leaved</i>			Cut:	June	P.L. Ora:	C.G.H.
— <i>latifolium.</i>	— <i>Broad-levd:</i>						
EPACRIS,	EPACRIS.	5.	1.				
<i>attenuata alba.</i>	<i>Pointed-levd: wh:</i>			Cut:	Apr:	S.P. D.S.	N. Hol.
— <i>rubra.</i>	— <i>Red</i>						
<i>diosmaefolia.</i>	<i>Diosma-leaved</i>			—	July		
<i>grandiflora.</i>	<i>Large-flowered</i>			—	June	Ora:	
<i>obtusifolia.</i>	<i>Blunt-leaved</i>			—		D.S.	
<i>pulchella major.</i>	<i>Sweet-scented</i>			—	July		
— <i>minor.</i>	— <i>Small var:</i>			—			
<i>pungens alba.</i>	<i>Prickly white</i>			—	Apr:		
— <i>rosea.</i>	— <i>Rose Color</i>			—			
EPHEDRA,	SHRUBBY HORSE-TAIL.	22.	13.				
<i>altissima.</i>	<i>Tallest</i>			Root Aug:	P.L. Ora:		<i>Leont.</i>

ERICÆ.

For the Species of this extensive and beautiful Genus, I have altered the general arrangement, as noticed in the foregoing Columns of this Division, as all the species require a particular house to have them in their greatest beauty, require the same earth, are propagated by the same method, and are all from the Cape of Good Hope, with the exception of the arboreas and multiflora, which are natives of Portugal, and those noticed in the First Division as Hardy Plants. The indication in the columns through this Genus, will stand thus;—1st. Color, by *b.* brown, *f.* flesh-color, *g.* green, *o.* orange, *p.* purple, *pk.* pink, *r.* red, *s.* scarlet, *w.* white, *l.* light, *d.* dark;—2d. Month of flowering;—3d. Shape of the Flower, as bell-shaped by Bell; Open, spread-out; pill-shaped, Pill: small and roundish; Round, larger and roundish; Tube, long-tubed; ventricose, Vent: swelled in the middle;—4th. Height, by number of Inches; and lastly, Delicate or Robust.

A prejudice having spread that the culture of these plants is difficult, one of the greatest ornaments of the Greenhouse has hence, of late, been neglected; although the method of culture is as easy, and nearly as certain, as that of the Geranium, but requiring a little more delicacy in the execution.

About the month of June, or as soon as the plant has made fresh shoots, cut off the extreme points about an inch long or less, according as the sort may afford, but always in the fresh shoot; take off the leaves from the lower part, as far as it is to be put in the sand, without injuring the shoot; this is rather a nice operation, and should be done with a sharp penknife, for the least bruise spoils the cutting. Dibble them into a pot filled with moistened common white house-sand, before they have time to flag. When they are all planted, water the whole to fix them still better; let the moisture a little subside, then cover them with a small bell glass, fitted within the rim of the pot, and place them in the shade on a spent hot-bed, keeping them close till rooted, which will, with the free sorts, take place in about two months. When rooted, which is known by their shooting, take off the small glass, for about a week, at night, previous to its total removal. They will be fit to pot off in March, the ensuing year.

Although I have stated a Heathery, or a peculiarly constructed House, purposely for their protection, and a few other plants of similar character,

as best; yet, by placing them in the air and light, to the front of a common Greenhouse, and not mixed with large leaved plants, they will do well; but, as they are naturally not very long lived, at least many of them, it is necessary to renew them, frequently, by cuttings or seeds.

ERICA,	HEATH.	Cl.	Or.	Col.	Flow.	Shape.	Hgt.	Nature.
absynthoides.	Wormwood-like	8.	1.	w.	June	Pill	18.	Hardy.
actea.	Actea-flowered				May			
acuminata.	Taper-leaved			r.		Tube	18.	
acuta.	Acute-cupped			w.	June		6.	Tender.
acutangula.	Acute-angled				April			
aggregata.	Cluster-flowered				Aug:	Pill	8.	Hardy.
Aitonia.	Mr. Aiton's			f.	July	Tube	24.	
albena.	Cream-colored			l.y.	Aug:	Vent:	18.	
albiflora.	White-flowered			w.	June		9.	
ampullacea.	Flask-flowered			w.r.	Aug:		24.	Tender.
andromedæflora.	Andromeda-flowd:			pk.	May	Round		Hardy.
f. arborea-ramosa.	Branching-Tree			w.		Pill	5.	
— squarrosa.	Four-angled Tree							
arbutiflora.	Arbutus-flowered				Aug:	Round	24.	
Archeria.	Lady Archer's			d.s.	Sept:	Tube	18.	Tender.
arctata.	Crowded-leaved			w.	May	Pill	12.	Hardy.
ardens.	Fiery Red			s.	Feb:	Round	2.	
argentiflora.	Silvery-flowered			w.	Aug:	Tube	18.	
aristata.	Awned-leaved			d.p.w.	Apr:	Vent:		Tender.
— serotina.	— Late-flowering				June			
articulata.	Jointed			pk.	July	Pill	8.	Hardy.
aspera.	Rough			w.	Aug:		18:	
assurgens.	Aspiring-branched				July		12.	
aurea.	Large Golden-fld:			o.	Oct:	Tube	24.	
baccans.	Berry-like-flowd:			p.	April	Round	18.	
Bandonia.	Countess Bandon's			w.gr.	Aug:	Vent:	18.	Tender.
Bankia.	SIR J. BANKS's			l.y.	June	Tube	4.	Hardy.
— purpurea.	— Purple-ended			l.y.p.				
barbata major.	Bearded-leaved			w.	Mar:	Pill	12.	
— minor.	— Small var:							
bicolor.	Green & Red-fld:			g.r.	Aug:	Tube	24.	
biflora.	Two-flowered			w.	May	Round	12.	
blanda.	Charming			l.p.	June	Tube	9.	Tender.
Blandfordia.	Duke of Malbro's			y.	May	Round	18.	Hardy.
Bomplandia.	Mons. Bompland's			l.y.				
bracteata.	Large Bracted			r.	June	Open	9.	Tender.
Broadlyana.	Mrs. Broadley's			w.r.	Aug:	Vent:	20.	
bruniades.	Brunia-like			f.		Round	18.	
bucciniformis.	Trumpet-flowered			d.pk.		Tube	30.	
cafra.	Caffrean			w.		Pill	18.	Hardy.
— spicata.	— Spike-flowered			var.				
calycina major.	Large-calyx'd			r.			9.	Tender.
— minor.	— Small var:				Sept:		6.	
campanulata.	Bell-flowered			y.	May	Bell	12.	Hardy.
campestris.	Field			l.p.	July	Pill		

ERICA,	HEATH.	Cl. Or.	Col.	Flow.	Shape.	Hgt.	Nature.
		8. 1.					
canescens.	Hoary-leaved	pk.	July	Round	18.	Tender.	
capitata.	Round Hairy-cupt	w.	—	—	—	Hardy.	
carinata.	Keel-shaped-lvd:	r.	Aug:	Tube	24.	—	
carneola.	Flesh-colored	pk.	Sept:	—	—	—	
cerinthoides elata.	Honeywort-flowd:	d.s.	Oct:	—	48.	—	
— capitata.	— Headed-fld: var:	l.s.	—	—	24.	—	
— lanata.	— Woolly	d.r.	—	—	—	—	
cernua.	Down-hanging	pk.	Sept:	Pill	12.	—	
cistifolia.	Cistus-leaved	w.	July	—	4.	Tender.	
clavata.	Clnb-shaped	p.	June	Vent:	6.	—	
coccinea.	Dark Red	d.r.	Sept:	Tube	18.	Hardy.	
— major.	— Large var:	—	—	—	—	—	
colorans.	Changing	w.p.	Nov:	—	24.	—	
comosa alba.	Tufted White	—	July	Vent:	9.	—	
— conferta.	— Crowded-flowd:	d.pk.	—	—	—	—	
— rubra.	— Red	pk.	—	—	—	—	
complanata.	Flat-flowered	w.	July	Open	12.	—	
concava.	Concave-flowered	p.	June	—	9.	—	
concinna.	Fir-like	f.	May	Tube	30.	—	
concolor.	Self-colored	d.o.	—	—	24.	—	
conferta.	Crowded-flowered	w.	—	Pill	18.	—	
congesta.	Heaped-flowered	w.	June	—	12.	—	
conspicua.	Shewy	d.y.	July	Tube	24.	—	
constantia.	Constantia	w.	June	Open	9.	—	
cordata.	Heart-leaved	w.	May	Pill	8.	Tender.	
coronata.	Coronet	r.g.	July	Tube	36.	—	
corrugata.	Shriveled	o.	Oct:	—	18.	Hardy.	
costata.	Ribb'd-flowered	pk.	April	—	24.	—	
— superba.	— Fine var:	—	—	—	—	—	
Coventrya.	Earl Coventry's	r.w.	July	Vent:	9.	—	
cruenta.	Blood-coloured	d.r.	—	Tube	30.	—	
cubica major.	Cube-flowered	p.	—	Open	12.	—	
— minor.	— Small var:	p.	—	—	8.	—	
cumulata.	Heaped-flowered	w.	Sept:	Pill	12.	—	
cupressina.	Cypress-like	w.	Aug:	—	24.	—	
curvisflora.	Curved-flowered	o.	—	Tube	24.	—	
cyathoides.	Cup-flowered	p.	Sept:	Open	12.	—	
daphnæflora.	Daphnæ-flowered	pk.w.	Aug:	Vent:	14.	—	
daphnoides.	Daphnæ-like	—	May	—	—	—	
De Cliffordia.	Lady De Clifford's	w.	—	Tube	18.	—	
declinata.	Depress'd-pointal'd	r.	Sept:	Pill	12.	—	
decora.	Spiral-leaved	p.	July	Round	24.	—	
decumbens.	Decumbent	w.	—	—	18.	—	
deflexa.	Deflexed	f.	Aug:	Pill	12.	—	
demissa.	Dwf: Green-flowd:	l.g.	July	Tube	12.	—	
densa.	Compact	w.	Aug:	Pill	12.	—	
denticulata alba.	Tooth-capped	w.	Oct:	Vent:	18.	—	
— odorata.	— Sweet var:	y.	Aug:	—	—	—	
— rubra.	— Red var:	pk.	—	—	—	—	
depressa.	Depressed	y.	June	Tube	8.	—	
Dickinsonia alba.	Mt. Dickinson's	w.	July	Pill	12.	—	
— rubra.	— Red var:	r.	—	—	—	—	

ERICA,	HEATH.	Cl. Or.	Col.	Flow.	Shape.	Hgt.	Nature.
		8. 1.					
discolor.	White-mouthed	pk.w.	April	Tube	24.	Hardy.	
divaricata.	Stradling	w.	Mar:	Pill	9.		
Donnia.	Mr. Donn's	w.	May	—	12.		
droseroides maj:	Sun-dew	p.	July	Vent:	6.	Tender.	
— minor.	— Small var:	p.	—	—	—		
echiiflora pallida.	Echium-fl'd: pale	l.p.	—	Tube	18.	Hardy.	
— purpurea.	— Purple var:	p.	—	—	—		
— rosea.	— Rose var:	f.	—	—	—		
— rubra.	— Red var:	r.	—	—	—		
elata.	Tall	y.	Aug:	—	36.		
elegans.	Dwf: Sea-green	d.p.	July	Vent:	4.	Tender.	
elongata.	Long weak-stem'd	pk.	Aug:	Tube	30.	Hardy.	
empetrifolia.	Crowberry-leaved	p.	June	Pill	18.		
empetroides.	Honey-scented	l.f.	—	—	—		
enneaphylla.	Nine-leaved	l.y.	May	Tube	24.		
epistomia.	Spout-flowered	y.	July	Vent:	18.		
erecta.	Upright	y.	—	Tube	24.		
eriocephala.	Woolly-headed	w.	Sept:	Pill	14.		
erubescens.	Reddish-flowered	f.	—	Tube	18.		
Eweria.	Ewer's	pk.g.	Oct:	—	30.		
— pilosa.	— Hairy var:	r.g.	—	—	—		
— speciosa.	— Shewy var:	pk.g.	—	—	—		
exserta.	Protruding anther'd	p.	May	Pill	12.		
exurgens coccinea	Three-whorled	d.o.	July	Tube	18.		
— grandiflora.	— Large-fl'd: var:	o.	—	—	—		
fastigiata.	Bundle-flowered	w.	Aug:	Vent:	18.		
fibula.	Button-flowered	r.	Sept:	Pill	12.		
filamentosa.	Long-pedunculed	p.	Oct:	Tube	24.	Tender.	
fimbriata.	Fringed	f.	May	Pill	6.	Hardy.	
finitiana.	Stradling	p.	April	Open	8.		
flaccida.	Flaccid	w.	Aug:	Pill	18.		
flagelliformis.	Whip-like	pk.	—	—	12.		
flagella.	Whip	pk.	July	Open	18.		
flammea.	Flame-colored	l.y.	June	Tube	18.	Tender.	
flava.	Bright Yellow	y.	Oct:	—	18.	Hardy.	
flexuosa.	Zig-zag	w.	May	Pill	20.		
floribunda.	Many-flowered	r.	Sept:	—	12.		
foliosa.	Leafy	y.	July	Tube	24.		
formosa.	Handsome	d.y.	—	—	—		
fragrans.	Fragrant	p.	May	Pill	9.		
fulgida.	Refulgent	o.	July	Tube	18.		
fulva.	Dark Yellow	d.y.	—	—	—		
gelida.	Green & White fl'd:	g.w.	April	—	24.		
gemmifera.	Jewel-like	o.g.	Aug:	—	14.	Tender.	
glabra.	Glabrous	l.y.	July	—	24.	Hardy.	
glandulosa.	Glandulous	r.o.	Sept:	—	12.		
glaucia.	Sea-green	d.p.	July	Vent:	24.	Tender.	
globosa.	Globe-flowered	pk.	Sept:	Round	18.	Hardy.	
glomerata.	Crowded-flower'd	w.	July	Pill	12.		
glutinosa.	Glutinous	y.	Sept:	Tube	24.		
gracilis.	Slender	p.	April	Pill	8.		

ERICA,	HEATH.	Cl. Or.	Col.	Flow.	Shape.	Hgt.	Nature.
<i>grandiflora</i> .	Large-flowered	o.	July	Tube	36.	<i>Hardy.</i>	
<i>halicacaba</i> .	Bladder-flowered	y.	June	Vent:	12.	_____	
<i>Hibbertia</i> .	Mr. Hibbert's	o.y.	July	Tube	24.	_____	
— minor.	— Small var:	_____	_____	_____	_____	_____	
<i>hirta</i> .	Hairy	r.pk.	_____	_____	_____	_____	
<i>hispida</i> .	Hispid	pi.	_____	Pill	18.	_____	
<i>horrida</i> .	Bristly	l.y.	Aug:	Tube	24.	_____	
<i>horizontalis</i> .	Horizontal	pk.	Oct:	_____	18.	_____	
<i>Humea</i> .	Lady A. Hume's	r.w.	July	Vent:	18.	_____	
<i>hyacinthoides</i> .	Hyacinth-flowd:	pk.	June	_____	12.	_____	
<i>hybrida</i> .	Myle	l.o.	May	Tube	24.	_____	
<i>ignescens</i> .	Fiery	r.	Aug:	_____	18.	_____	
<i>imbecilla</i> .	Feeble-stemm'd	f.	July	Pill	20.	_____	
<i>imbricata</i> .	Tiled-cupp'd	pk.	Sept:	_____	12.	_____	
<i>imperialis</i> .	Imperial	pk.g.	Aug:	Tube	30.	_____	
<i>incana</i> .	Hoary	pk.	July	Round	18.	<i>Tender.</i>	
<i>incarnata major</i> .	Flesh-colored	r.	_____	Pill	14.	<i>Hardy.</i>	
<i>inflata</i> .	Inflated	w.r.	_____	Vent:	18.	<i>Tender.</i>	
<i>infundibuliformis</i> .	Funnel-shaped	r.w.	Aug:	Tube	12.	_____	
<i>intertexta</i> .	Interwoven	w.	_____	Round	6.	<i>Hardy.</i>	
<i>Irbyana</i> .	Hou: Mr. Irby's	r.w.	July	Vent:	18.	<i>Tender.</i>	
<i>jasminiflora</i> .	Jasmine-flowered	w.pk.	Aug:	_____	24.	<i>Hardy.</i>	
<i>juliana</i> .	July-flowering	pk.	July	_____	18.	_____	
<i>kalmiaeflora</i> .	Kalmia flowered	r.	May	Open	8.	_____	
<i>Kennedy</i> .	Mr. Kennedy's	f.	July	Tube	8.	<i>Tender.</i>	
<i>lachnæa</i> .	Powdered	w.	_____	Pill	6.	_____	
— rubra.	— Red var:	f.	_____	_____	_____	_____	
<i>lacticolor</i> .	Milk-colored	l.y.	May	_____	9.	<i>Hardy.</i>	
<i>lævis</i> .	Smooth	w.	June	_____	14.	_____	
— rubra.	— Red var:	f.	_____	_____	_____	_____	
<i>Lambertia</i> .	Mr. Lambert's	w.	Aug:	Round	12.	<i>Tender.</i>	
<i>languinosa</i> .	Woolly-flowered	l.y.	Sept:	Vent:	12.	<i>Hardy.</i>	
<i>lateralis</i> .	Lateral-flowered	r.	July	Pill	16.	_____	
<i>Lawsonia</i> .	Sir W. Lawson's	f.	_____	Tube	8.	<i>Tender.</i>	
<i>laxa</i> .	Loose-growing	b.	Nov:	Pill	18.	<i>Hardy.</i>	
<i>Leea</i> .	Mr. Lee's	o.y.	Sept:	Tube	30.	_____	
<i>leucanthera</i> .	White Anthered	pk.	Mar:	Pill	8.	_____	
<i>Linnæa</i> .	Prof: LINNÆUS's	w.	June	Tube	18.	_____	
— <i>superba</i> .	— Handsome var:	w.pk.	_____	_____	_____	_____	
<i>Linnæoides</i> .	Linnæa-like	w.p.	April	_____	24.	_____	
<i>longifolia</i> .	Long-leaved	y.	July	_____	24.	_____	
<i>longipedunculata</i> .	Long-peduncled	d.r.	June	Vent:	6.	<i>Tender.</i>	
<i>lucida</i> .	Shining	d.p.	Aug:	Pill	18.	<i>Hardy.</i>	
<i>lutea</i> .	Pale Yellow	p.y.	July	Vent:	9.	_____	
<i>magnifica</i> .	Magnificent	l.y.	_____	_____	12.	<i>Tender.</i>	
<i>mammosa</i> .	Nipple-flowered	p.	Aug:	Tube	24.	<i>Hardy.</i>	
— major.	— Large var:	d.p.	_____	_____	_____	_____	
— <i>pallida</i> .	— Pale var:	l.p.	_____	_____	_____	_____	
— <i>alba</i> .	— White	f.	_____	_____	_____	_____	
<i>margaritacea</i> .	Pearl-flowered	w.	June	Pill	18.	_____	
— <i>incarnata</i> .	— Flesh var:	f.	_____	_____	_____	_____	

		Cl. Or.	Col.	Flow.	Shape.	Hgt.	Nature.
ERICA.	HEATH.	8.	1.				
<i>marifolia</i> .	Marum-leaved	w.	July	—	23.	Hardy.	
<i>Massonia</i> .	Mr. Masson's	o.g.	Aug:	Tube	36.	Tender.	
— <i>ferruginea</i> .	— Brown-lyd: var:	—	July	—	12.	—	
— <i>minor</i> .	— Small-fld: var:	—	—	—	—	—	
<i>melanthera</i> .	Black Anthered	w.	June	Pill	18.	Hardy.	
<i>melastoma</i> .	Black-mouthed	y.d.b.	July	Tube	24.	—	
<i>mellifera</i> .	Honey-bearing	l.p.	May	Pill	12.	—	
<i>metulæflora</i> .	Ninepin	o.	Aug:	Vent:	12.	Tender.	
<i>mirabilis</i> .	Large-mouthed	p.w.	—	—	24.	Hardy.	
— <i>major</i> .	— Large var:	—	—	—	—	—	
<i>mollis</i> .	Soft	p.	May	Pill	12.	—	
<i>mollissima</i> .	Softest	o.	July	Tube	24.	—	
<i>monadelphæ</i> .	Monadelphus	pk.	July	—	18.	—	
<i>Monsonia</i> .	Lady A. Monson's	w.	Aug:	Vent:	48.	—	
— <i>minor</i> .	— Dwarf var:	—	July	—	24.	—	
<i>moschata</i> .	Musk-scented	pk.	July	Open	18.	—	
<i>muscosa</i> .	Clammy-flowered	r.	July	Pill	18.	—	
<i>mucosoides</i> .	Lesser Clammy-fld:	pk.	Aug:	—	—	—	
<i>mucronata</i> .	Pointed-leaved	r.	Sept:	Tube	18.	—	
<i>multiflora</i> .	Many-flowered	f.	—	Pill	24.	—	
<i>mundula</i> .	Neat	r.w.	May	Vent:	12.	—	
<i>muscaria</i> .	Musk-smelling	y.	May	—	18.	—	
<i>mutabilis</i> .	Changeable	p.	April	—	6.	Tender.	
<i>nigrita</i> .	Black Anthered	w.	May	Round	8.	Hardy.	
— <i>densa</i> .	— Close-fld: var:	—	—	—	—	—	
<i>nitida</i> .	Shining	p.	Aug.	Pill	24.	—	
<i>nivea</i> .	Snow-white	w.	June	Vent:	9.	—	
<i>Nivenia</i> .	Mr. Niven's	p.	June	—	—	Tender.	
<i>nobilis</i> .	Large Whip-cord	—	—	—	12.	—	
<i>Noisettea</i> .	Mons: Noisset's	f.	Aug:	Round	12.	Hardy.	
<i>nudiflora</i> .	Naked-flowered	d.y.	Aug:	Tube	24.	—	
<i>obobata</i> .	Bottle-shaped	w.r.	July	Vent:	20.	Tender.	
— <i>major</i> .	— Large var:	—	—	—	—	—	
<i>obcordata rub:</i>	Obcordate	r.	Aug:	Round	12.	—	
<i>obliqua</i> .	Oblique-leaved	p.	July	—	18.	—	
<i>ocularia</i> .	Black-eyed	w.	Sept:	Pill	12.	Hardy.	
<i>odoré rosæ</i> .	Otto of Rose	w.	May	Round	12.	Tender.	
<i>ollula</i> .	Small Bottle-shpd:	pk.	Sept:	—	24.	Hardy.	
<i>oppositifolia</i> .	Opposite-leaved	p.	Mar:	—	6.	Tender.	
<i>ovata</i> .	Oval-flowered	p.	July	Pill	12.	Hardy.	
<i>pallens</i> .	Pale-flowered	l.y.	Feb:	—	9.	—	
<i>palustris</i> .	Marsh	f.	Sept:	—	12.	—	
<i>paniculata</i> .	Panicled	r.	July	—	12.	Tender.	
<i>paradisiaca</i> .	Paradise	p.	Aug:	—	12.	Hardy.	
<i>Parmentiera</i> .	Mons. Parmentier's	d.f.	July.	Vent:	12.	—	
<i>patens</i> .	Spreading-flwd:	p.	May	Open	18.	—	
<i>Patersonia</i> .	Col. Paterson's	y.	—	Tube	30.	—	
— <i>coccinea</i> .	— Orange var:	o.	July	—	20.	—	
— <i>major</i> .	— Large fld: var:	y.	May	—	24.	—	
<i>pedunculata</i> .	Long-peduncled	r.	July	Pill	18.	—	
<i>pellucida</i> .	Pellucid	l.f.	Aug:	Tube	24.	—	
<i>peltata</i> .	Shield-shaped	r.	—	Open	12.	—	

	Cl. Or.	Col.	Flow.	Shape.	Hgt.	Nature.
ERICA,	8. 1.					
pendula.		w.	Aug:	Pill	18.	<i>Hardy.</i>
penicillata.		w.	July	Tube	24.	_____
— rubra.		d r.	_____	_____	_____	_____
perlata.		w.	Oct:	Pill	14.	_____
— rubra.		f.	_____	_____	_____	_____
persoluta alba.		w.	May	_____	18.	_____
— rubra.		pk.	_____	_____	_____	_____
— conferta.		pk.	_____	_____	_____	_____
perspicua.		w.p.	July	Tube	18.	_____
petiolata.		w.	June	Pill	4.	_____
Petiveria.		y.	July	Tube	18.	_____
— aurantia.		o.	_____	_____	_____	_____
Petiveriana.		y.	Sept:	_____	24.	_____
— coccinea.		o.	_____	_____	_____	_____
peziza.		w.	July	Round	12.	<i>Tender.</i>
phylicoides.		w.	Aug:	Pill	18.	<i>Hardy.</i>
physodes.		w.	_____	Round	20.	_____
picta.		y.o.	Oct:	Tube	18.	_____
pilosa.		w.	Aug:	_____	20.	_____
pinastri.		w.	Oct:	_____	24.	_____
pinea.		w.	Nov:	_____	_____	_____
pinifolia.		w.	July	_____	24.	_____
— coccinea.		r.	_____	_____	_____	_____
— discolor.		pk.w.	May	_____	18.	_____
pistillaris.		r.	June	Pill	12.	_____
planifolia.		w.	Sept:	_____	24.	_____
Plunkenetia alb:		w.	_____	Tube	18.	_____
— nana.		d.r.	_____	_____	12.	_____
plumosa.		p.	May	Open	18.	_____
præcox.		p.	April	Pill	9.	_____
præstans.		w.	Nov:	Vent:	12.	_____
pregnans.		f.	Sept:	_____	24.	_____
— coccinea.		d.r.	_____	_____	_____	_____
primuloides.		p.w.	June	_____	6.	_____
princeps.		s.	Sept:	_____	18.	<i>Tender.</i>
proboscidea.		w.	Aug:	Round	12.	<i>Hardy.</i>
propendens.		pk.	July	Open	18.	_____
protrudens.		p.	_____	Pill	12.	_____
pubescens maj:		p.	July	_____	18.	_____
— minor.		_____	_____	_____	_____	_____
— minima.		_____	_____	_____	_____	_____
puerilis.		p.	May	_____	9.	_____
pulchella.		r.	Sept:	_____	18.	_____
pulverulenta.		pk.	Oct:	Round	20.	<i>Tender.</i>
pumila.		r.	Aug:	_____	6.	_____
pura.		w.	Sept:	Tube	18.	<i>Hardy.</i>
purpurea.		l.p.	Oct:	_____	24.	_____
pyramidalis.		pk.	Oct:	Open	14.	_____
pyrolæflora.		w.	June	Round	14.	_____
quadriflora.		p.	Aug:	_____	_____	_____
racemiflora.		f.	May	Pill	20.	_____
HEATH.						
Pondulons-flowd:		w.	Aug:	Pill	18.	<i>Hardy.</i>
Pencil White		w.	July	Tube	24.	_____
— Red var:		d r.	_____	_____	_____	_____
Pearled		w.	Oct:	Pill	14.	_____
— Red var:		f.	_____	_____	_____	_____
Garland White		w.	May	_____	18.	_____
— Red Garland		pk.	_____	_____	_____	_____
— Clustered Gar:		pk.	_____	_____	_____	_____
White and Purple		w.p.	July	Tube	18.	_____
Rosemary-leaved		w.	June	Pill	4.	_____
Petiver's		y.	July	Tube	18.	_____
— Orange var:		o.	_____	_____	_____	_____
Like Petiver's		y.	Sept:	_____	24.	_____
— Orange var:		o.	_____	_____	_____	_____
Small Fungus-like		w.	July	Round	12.	<i>Tender.</i>
Phylla-like		w.	Aug:	Pill	18.	<i>Hardy.</i>
Bladdery		w.	_____	Round	20.	_____
Painted		y.o.	Oct:	Tube	18.	_____
Pilose		w.	Aug:	_____	20.	_____
Pinaster-like		w.	Oct:	_____	24.	_____
Pine-like		w.	Nov:	_____	_____	_____
Pine-leaved		w.	July	_____	24.	_____
— Red var:		r.	_____	_____	_____	_____
— Two-col: var:		pk.w.	May	_____	18.	_____
Large Pointalld		r.	June	Pill	12.	_____
Flat-leaved		w.	Sept:	_____	24.	_____
Plukenet's		w.	_____	Tube	18.	_____
		d.r.	_____	_____	12.	_____
Feathered		p.	May	Open	18.	_____
Early Purple		p.	April	Pill	9.	_____
Excellent		w.	Nov:	Vent:	12.	_____
Swelled		f.	Sept:	_____	24.	_____
— Dark Red var:		d.r.	_____	_____	_____	_____
Primula-like		p.w.	June	_____	6.	_____
Princely		s.	Sept:	_____	18.	<i>Tender.</i>
Cone-Anthered		w.	Aug:	Round	12.	<i>Hardy.</i>
Drooping-flowd:		pk.	July	Open	18.	_____
Protruding		p.	_____	Pill	12.	_____
Large Downy		p.	July	_____	18.	_____
— Small var:		_____	_____	_____	_____	_____
— Least var:		_____	_____	_____	_____	_____
Small Purple		p.	May	_____	9.	_____
Chain-flowered		r.	Sept:	_____	18.	_____
Powdered		pk.	Oct:	Round	20.	<i>Tender.</i>
Dwarf		r.	Aug:	_____	6.	_____
Pure White		w.	Sept:	Tube	18.	<i>Hardy.</i>
Purple-flowered		l.p.	Oct:	_____	24.	_____
Pyramidal		pk.	Oct:	Open	14.	_____
Pyrola-flowered		w.	June	Round	14.	_____
Four-flowered		p.	Aug:	_____	_____	_____
Bunch-flowered		f.	May	Pill	20.	_____

		Cl. Or.	Col.	Flow.	Shape.	Hgt.	Nature.
ERICA,	HEATH.	8. 1.					
<i>racemosa.</i>	Branching	<i>p.</i>	May	Pill	18.	<i>Hardy.</i>	
<i>radiata.</i>	Ray-flowered	<i>o.</i>	Oct:	Tube	12.	<i>Tender.</i>	
<i>ramentacea.</i>	Branching-flowd:	<i>d.r.</i>	July	Pill	18.	<i>Hardy.</i>	
<i>recurvata.</i>	Recurved	<i>p.</i>	—	Round	18.	—	
<i>regerminans.</i>	Twice-flowering	<i>w.</i>	June	Pill	18.	—	
<i>reflexa alba.</i>	Reflex-flowered	—	—	Round	24.	—	
— <i>rubra.</i>	— Red var:	<i>f.</i>	—	—	—	—	
<i>retorta.</i>	Recurve-leaved	<i>pk.w.</i>	July	Vent:	12.	<i>Tender.</i>	
— <i>brævifol:</i>	— Short-lyd: var:	—	—	—	—	—	
<i>rigida.</i>	Stiff-growing	<i>pk.</i>	Aug:	Tube	18.	<i>Hardy.</i>	
<i>Rollinsonia.</i>	Mr. Rollinson's	<i>pk.</i>	Sept:	—	—	—	
<i>rosacea.</i>	Rose-like flowd:	<i>p.</i>	Oct:	Open	12.	—	
<i>rosca.</i>	Rosy-colored	<i>l.r.</i>	July	Tube	30.	—	
<i>rostella.</i>	Small-beaked	<i>w.</i>	June	Pill	12.	—	
<i>rotundifolia.</i>	Round-leaved	<i>w.</i>	July	—	12.	—	
<i>rubella.</i>	Reddish-flowered	<i>r.</i>	Aug:	—	14.	—	
<i>rubens.</i>	Red-flowered	<i>d.r.</i>	—	—	12.	—	
<i>rufla.</i>	Rusty Red	—	May	Tube	20.	—	
<i>rugata.</i>	Wrinkled	<i>d.o.</i>	Sept:	—	14.	—	
<i>rupestris.</i>	Rock	<i>w.</i>	July	Pill	3.	—	
<i>Sainsburya.</i>	Mrs. Sainsbury's	<i>r.g.</i>	—	Tube	20.	—	
<i>Salisburya.</i>	Mr. Salisbury's	<i>r.</i>	Aug:	—	24.	—	
<i>sanguinulenta.</i>	Dark Purple	<i>d.p.</i>	—	Pill	6.	<i>Tender.</i>	
<i>satureifolia.</i>	Savory-leaved	<i>r.</i>	June	—	6.	—	
<i>Savillea.</i>	Countess Scarbro's	—	July	Vent:	8.	<i>Hardy.</i>	
<i>scabriuscula.</i>	Roughish	—	Sept:	Pill	18.	—	
<i>scariosa.</i>	Rough	<i>p.</i>	Aug:	—	12.	—	
<i>Sebana aurantia.</i>	Seba's Orange	<i>b.</i>	July	Tube	24.	—	
— <i>fusca.</i>	— Brown	<i>o.</i>	—	—	—	—	
— <i>lutea.</i>	— Yellow	<i>y.</i>	—	—	—	—	
— <i>minor.</i>	— Small	<i>o.</i>	—	—	18.	—	
— <i>sanguinea.</i>	— Bloody	<i>d.r.</i>	Aug:	—	—	—	
— <i>viridis.</i>	— Green	—	Sept:	—	—	—	
<i>senectula.</i>	Dark Green-lyd:	<i>w.</i>	Oct:	Pill	—	—	
<i>serratifolia.</i>	Sawed-leaved	<i>o.</i>	—	Tube	—	<i>Tender.</i>	
<i>sessiliflora.</i>	Sessile-flowered	<i>l.y.g.</i>	April	—	24.	<i>Hardy.</i>	
<i>sessilifolia.</i>	Sessile-leaved	<i>l.y.</i>	—	—	—	—	
<i>setacea.</i>	Bristly	<i>w.</i>	Sept:	Pill	20.	—	
<i>sexfaria.</i>	Six-sided	—	July	Round	9.	—	
<i>Shannonia.</i>	Countess Shannon's	—	Aug:	Vent:	18.	—	
<i>simplicifolia.</i>	Single-flowered	<i>o.</i>	June	Tube	24.	—	
<i>Smithia.</i>	Sir J. E. Smith's	<i>p.</i>	Sept:	Pill	9.	—	
<i>Solandra.</i>	Dr. Solander's	<i>w.</i>	—	Tube	12.	—	
<i>sordida.</i>	Dingy Yellow	<i>l.o.</i>	Aug:	—	—	—	
<i>Sparmannia.</i>	Sparmann's	<i>d.o.</i>	July	—	—	—	
<i>speciosa.</i>	Specious	<i>r.o.</i>	Sept:	—	6.	—	
<i>spicata.</i>	Spike-flowered	<i>l.y.</i>	April	—	30.	—	
<i>splendens.</i>	Scarlet Downy	<i>s.</i>	June	—	24.	<i>Tender.</i>	
<i>spuria.</i>	Mongrel	<i>p.</i>	May	—	—	<i>Hardy.</i>	
— <i>pallida.</i>	— Pale var:	<i>f.</i>	—	—	—	—	
<i>squarrosa.</i>	Scaly-cupt	—	—	Pill	9.	—	
— <i>carnea.</i>	— Pink var:	<i>pk.</i>	—	—	9.	—	

ERICA,	HEATH.	Cl. Or.	Col.	Flow.	Shape.	Hgt.	Nature.
		8. 1.					
stellata.	Starry-flowered	w.	May	Pill	12.	Hardy.	
strigosa.	Meagre	b.	Aug:	—	18.	—	
struthiolæflora.	Struthiola-flowd:	w.	—	—	12.	Tender.	
sulphurea.	Sulphur-colored	l.y.	Nov:	Tube	24.	Hardy.	
superba.	Superb	pk.g.	Sept:	—	—	—	
Swainsonia.	Mr. Swainson's	r.g.	Aug:	—	—	Tender.	
taxifolia.	Yew-leaved	pk.	—	Round	12.	Hardy.	
Templea.	Mrq: Buckingham's	r.	—	Vent:	18.	Tender.	
tenella.	Small long-flowg:	p.	Sept:	—	2.	Hardy.	
tenuiflora.	Pink-smelling	l.y.	May	Tube	18.	—	
tenuifolia.	Slender-leaved	pk.	Sept:	Vent:	1.	Tender.	
tetragona.	Square-flowered	l.y.	July	—	18.	Hardy.	
thalictriflora.	Meadow-rue-flow:	p.y.	May	Open	24.	—	
Thunbergia.	Prof: Thunberg's	o.y.	July	Round	18.	—	
thymifolia.	Thyme-leaved	w.	—	Pill	8.	Tender.	
tiaræflora.	Tiara-flowered	d.p.	Sept:	—	18.	Hardy.	
transparens.	Transparent	w.	May	Tube	—	—	
triceps.	Three-headed	—	—	Pill	12.	—	
tricolor major.	Three-colored	g.o.r.	Aug:	Tube	24.	Tender.	
— minor.	— Small var:	—	—	—	18.	—	
triflora.	Three-flowered	w.	June	Round	—	Hardy.	
triumphans.	Large Round-flow:	—	July	—	24.	—	
trivialis.	Trivial	r.	May	Pill	12.	—	
trossula alba.	Neat-growing	w.	May	Vent:	12.	—	
— rubra.	— Red var:	pk.	—	—	—	—	
tubiflora.	Tube-flowered	—	May	Tube	24.	—	
— fissa.	— Split-flowered	—	—	—	—	—	
turgida.	Stiff-leaved	pk.	Oct:	Round	14.	—	
ventricosa.	Porcelane	f.	July	Vent:	12.	—	
— hirta.	— Hairy var:	—	—	—	—	—	
— superba.	— Pink var:	d.pk.	—	—	—	—	
venusta.	Graceful	pk.	May	—	—	—	
vernix.	Varnish	o.g.	Feb:	Round	18.	Tender.	
— major.	— Large var:	—	—	—	—	—	
versicolor.	Orange and Red	o.r.	May	Tube	24.	Hardy.	
verticillata.	Scarlet-flowered	s.	Aug:	—	20.	—	
vestita alba.	Trembling-leaved	w.	July	—	36.	—	
— carnea.	— Flesh var:	f.	—	—	—	—	
— coccinea.	— Dark Red var:	d.r.	Sept:	—	36.	—	
— fulgens.	— Orange Red var:	o.	—	—	—	—	
— incarnata.	— Pink var:	pk.	Aug:	—	24.	—	
— purpurea.	— Purple var:	p.	Sept:	—	—	—	
— rosea.	— Light Red var:	l.r.	Dec:	—	36.	—	
viridis.	Green	d.g.	Oct:	—	18.	Tender.	
viridiflora.	Green Hairy	l.g.	Sept:	—	24.	Hardy.	
viridescens.	Greenish	—	—	—	—	—	
viscaria.	Viscous	p.	May	Round	30.	—	
urceolaris.	Pitcher-shaped	w.	July	—	18.	—	
ursina.	Shaggy-flowered	—	May	—	12.	—	
Walkeria.	Mrs. Walker's	f.	—	Vent:	14.	—	
— superba.	— Dark Red var:	d.r.	July	—	—	—	

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
ERIOCEPHALUS,	ERIOCEPHALUS.	19. 4.					
<i>africanus.</i>	Cluster-leaved		Cut:	April	P.L.	Ora:	C.G.H.
<i>racemosus.</i>	Silvery-leaved		—	May	—	—	—
EUCALYPTUS,	EUCALYPTUS.	12. 1.					
<i>t. connata.</i>	Connate-leaved		Lay:	July	S.P.	Con:	N. Hol.
<i>corymbosa.</i>	Corymbose-flowd:		—	—	—	—	—
<i>glauca.</i>	Sea green-leaved		—	—	—	—	—
<i>globosa.</i>	Globe-flowered		—	—	—	—	—
<i>hirsuta.</i>	Hairly		Cut:	—	—	—	—
<i>hypericifolia.</i>	Hypericum-leaved		Lay:	—	—	—	—
<i>marginata.</i>	Margined		—	—	—	—	—
<i>obliqua.</i>	Oblique-leaved		—	—	—	—	—
<i>paniculata.</i>	Panicle-flowered		—	—	—	—	—
<i>pendula.</i>	Weeping		Cut:	—	—	—	—
<i>perfoliata.</i>	Perfoliate		Lay:	—	—	—	—
<i>piperita.</i>	Peppermint-Tree		G.A.	—	—	—	—
<i>pulverulenta.</i>	Powdered		Lay:	—	—	—	—
<i>resinifera.</i>	Red Gum-Tree		—	—	—	—	—
<i>reticulata.</i>	Nettle-leaved		—	—	—	—	—
<i>robusta.</i>	Brown Gum-Tree		—	—	—	—	—
<i>scabra.</i>	Warted-leaved		Cut:	—	—	—	—
<i>turbinata.</i>	Turban-like-cap:		Lay:	—	—	—	—
<i>virgata.</i>	Twiggy		—	—	—	—	—
<i>undulata.</i>	Wave-leaved		—	—	—	—	—
EUCHILUS,	EUCHILUS.	10. 1.					
<i>obcordatus.</i>	Inversely Hrt:spd:		Cut:	June	S.P.	Ora:	N. Hol.
EUCLEA,	EUCLEA.	22. 10.					
<i>lancea.</i>	Lance-leaved		Cut:	Oct:	P.L.	Ora:	C.G.H.
<i>racemosa.</i>	Round-leaved		—	Nov:	—	—	—
<i>undulata.</i>	Wave-leaved.		—	—	—	—	—
EUGENIA,	EUGENIA:	12. 1.					
<i>elliptica.</i>	Elliptic-leaved		Lay:	July	S.P.	Ora:	N. Hol.
<i>ovata.</i>	Oval-leaved		Cut:	—	—	—	—
EXONYMUS,	SPINDLE-TREE.	5. 1.					
<i>japonicus.</i>	Japan		Cut:	July	P.L.	Sin:	Japan.
EUPHORBIA,	SPURGE.	11. 3.					
<i>mellifera.</i>	Honey-bearing		Cut:	May	S.L.	Ora:	Madeira.
EUSTREPHUS,	EUSTREPHUS.	6. 1.					
<i>angustifolius.</i>	Narrow-leaved		Cut:	July	S.P.	Ora:	N. Hol.
<i>latifolius.</i>	Broad-leaved		—	—	—	—	—
EUTAXIA,	EUTAXIA.	10. 1.					
<i>myrtifolia.</i>	Myrtle-leaved		Cut:	Aug:	S.P.	Ora:	N. Hol.
EXACUM,	EXACUM.	4. 1.					
<i>viscosum.</i>	Clammy-seeded		Seed	June	P.L.	Ora:	Canaries.
EXCÆCARIA,	EXCÆCARIA.	22. 13.					
<i>serrata.</i>	Saw-leaved		Cut:	Mar:	P.L.	Ora:	Chili.
FABRICIA,	FABRICIA.	12. 1.					
<i>argentea.</i>	Silvery-leaved		Lay:	July	S.P.	Ora:	N. Hol.
<i>laevigata.</i>	Smooth-leaved		Cut:	—	—	—	—
<i>myrtifolia.</i>	Myrtle-leaved		—	—	—	—	—
FAGARA,	FAGARA.	4. 1.					
<i>piperita.</i>	Ami-leaved		Lay:	Oct:	P.L.	Sin:	Japan.

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
FASONIA,	FASONIA,	10. 1.					
<i>cretica.</i>	<i>Cretan</i>		Seed	July	P.L.	D.S.	<i>Creta.</i>
FICUS,	FICUS.	23. 2.					
<i>australis.</i>	<i>Botany-Bay</i>		Cut:	July	S.L.	Ora:	<i>N. Hol.</i>
<i>cordata.</i>	<i>Heart-leaved</i>						<i>C.G.H.</i>
<i>pumila.</i>	<i>Dwarf China</i>		Lay:				<i>China.</i>
<i>stipulata.</i>	<i>Trailing China</i>						
FRANERIA,	FRANERIA.	21. 5.					
<i>artemisioides.</i>	<i>Mugwort-leaved</i>		Cut:	Aug:	P.L.	Ora:	<i>Peru.</i>
<i>ambrosioides.</i>	<i>Ambrosia-leaved</i>						<i>Mexico.</i>
FUCHSIA,	FUCHSIA.	8. 1.					
<i>coccinea.</i>	<i>Scarlet</i>		Cut:	July	P.L.	Con:	<i>Chili.</i>
<i>lycioides.</i>	<i>Box-thorn-leaved</i>			May			
GALENIA,	GALENIA.	8. 2.					
<i>africana.</i>	<i>African</i>		Cut:	July	P.L.	Ora:	<i>C.G.H.</i>
GARDENIA,	GARDENIA.	5. 1.					
<i>florida simplex.</i>	<i>Cape Jasmine sgl:</i>		Cut:	July	L.P.	D.S.	<i>China.</i>
— <i>pleno.</i>	— <i>Double</i>						
— <i>najar.</i>	— <i>Large-leaved</i>						
<i>radicans.</i>	<i>Dwf: C: Jasmine</i>			June			
<i>Rothmannia.</i>	<i>Spotted-flowered</i>		Lay:	July			<i>C.G.H.</i>
<i>Thunbergia.</i>	<i>Starry</i>		Cut:	June			
GASTROLOBUM,	GASTROLOBUM.	10. 1.					
<i>bilobum.</i>	<i>Two-lobed</i>		Cut:	Aug:	S.P.	Ora:	<i>N. Hol.</i>
GENISTA,	GENISTA.	17. 4.					
<i>canariensis.</i>	<i>Canary</i>		Seed	May	S.L.	Ora:	<i>Canaries.</i>
<i>linifolia.</i>	<i>Flax-leaved</i>		Cut:				<i>Spain.</i>
<i>sericea.</i>	<i>Silky</i>		Seed				<i>Madeira.</i>

GERANIA.

The Generical Arrangement of this charming tribe of plants, having, in many recent publications, suffered an unnecessary division into three, as *Erodium*, *Pelargonium*, and *Geranium*, formed chiefly upon the number of fertile stamens, and the shape of the flower, in different individuals; characters, which, although noticed by *Linæus*, he did not consider of sufficient weight to disunite this natural Genus. On this new arrangement, these multipliers of genera are not all agreed; some placing *Pelargonium* in the second order, *Petandria*, of *Monoadelphia*; whilst others have formed an *Heptandrous* order to the Class, exclusively for this new genus. Change in the nomenclature seems a necessary consequence with all modern scientific authors, as the basis on which, alone, they can raise their fame: oh that we had less changing, and more love for science and plants! Being of the same opinion with *Cavanilles*, and others who have since published on the subject, I have not adopted the two new Genera of *Erodium* or *Pelargonium* of *Mons: L'Heritier*, &c. I have no doubt *Geranium*, which has obtained so generally, will ever maintain his ground against this French invasion of his enchanting fairy circle.

I have divided the species, according to the plan of the work, into Shrubby, Herbaceous, and Tuberous. Those fine varieties, so much now in request, which, being mostly Males raised from the seeds of African

shrubby species, I have, merely, given their names under which they are known in the different gardens of the curious, where they have first been raised; indeed many of those now considered as true species are of this origin.

The Compost for Geraniums is about one-third light maiden earth, one-third sandy peat or leaf mould, and one-third rotten dung—the whole finely sifted.

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
		16.4.	Seed	May	R.M.	D.S.	C.G.H.
			Cut:	Aug:	Ora:		
GERANIUM,	Southernwood		—	July	—	—	—
abrotanifolium.	Maple-leaved		—	June	—	—	—
acerifolium.	Sorrel		—	July	—	—	—
acetosum.	Sharp-angled		—	—	—	—	—
acutangulum.	Whitish-leaved		—	—	—	—	—
albidum.	Alternate-leaved		—	—	—	—	—
alternans.	Parsley-leaved		—	Sept:	D.S.	—	—
apiifolium.	Rough-leaved		—	July	Ora:	—	—
asperum.	Balsamic		—	—	—	—	—
balsameum.	Birch-lyd: large		—	June	—	—	—
betulinum major.	— Small		—	—	—	—	—
— minor.	Blush-flowered		—	Aug:	—	—	—
blandum.	Downy-leaved		Seed	July	D.S.	—	—
b. blattarium.	Rose-scented		—	May	Ora:	—	—
capitatum.	Fleshy		Cut:	Aug:	D.S.	—	—
carnosum.	Stag's-horn		—	—	—	—	—
ceratophyllum.	Lemon-scented		—	July	—	—	—
citriodorum.	Heart-lyd: large		—	—	Ora:	—	—
cordifolium maj:	— Small		—	—	—	—	—
— minor.	— Curled		—	—	—	—	—
— crispum.	Cortusa-leaved		—	Aug:	D.S.	Africa.	—
cortusæfolium.	Holyoak-leaved		Seed	—	—	St. Helen.	—
cotyledonis.	Thick-stalked		—	—	—	Africa.	—
crassicaule.	Curled-lyd: large		Cut:	July	Ora:	C.G.H.	—
crispum major.	— Small		—	—	—	—	—
— minor.	Samphire-leaved		—	Aug:	D.S.	—	—
crithmifolium.	Hooded		—	July	—	—	—
cucullatum.	— Angular-leaved		—	—	—	—	—
— angulosum.	— Small var:		—	—	—	—	—
— minor.	Halbert-leaved		—	—	—	—	—
cuspidatum.	Triangular-leaved		—	—	—	—	—
deltoidum.	Toothed-leaved		—	—	—	—	—
denticulatum.	Prickly-stalked		Root	Aug:	D.S.	Africa.	—
echinatum album	— Red var:		—	—	—	—	—
— rubrum.	Trifid soft-lyd:		Cut:	—	Ora:	C.G.H.	—
extipulatum.	Handsome		—	July	—	—	—
formosum.	Brittle		—	Aug:	D.S.	—	—
fragile.	Fragrant		—	—	Ora:	—	—
fragrans.	Celandine-leaved		—	July	D.S.	—	—
fulgidum.	Gouty-stalked		—	—	Ora:	—	—
gibbosum.	Sea-green		—	—	D.S.	—	—
glaucum.	Glintinous		—	June	Ora:	—	—
glutinosum.	— Black-marked		—	—	—	—	—
— maculatum.			—	—	—	—	—

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
		16. 4.					
GERANIUM,	GERANIUM.	Cut:	Aug:	R.M.	D.S.	C.G.H.	
grandiflorum.	Large-flowered	—	June	—	Ora:	—	—
graveolens.	Strong-scented	Seed	Aug:	—	D.S.	—	—
hepaticæfolium.	Hepatica-leaved	—	—	—	—	—	—
— major.	— Large var:	—	—	—	—	—	—
hermannifolium.	Hermannia-lvd:	Seed	July	—	—	—	—
— minor.	— Small var:	—	—	—	—	—	—
heterogamum.	Six-anthered	Cut:	—	—	Ora:	—	—
hispidum.	Hairy-leaved	—	June	—	—	—	—
hybridum album.	Bastard White	—	—	—	—	—	—
— rubrum.	— Red var:	—	—	—	—	—	—
— fol: varie:	— Striped-lvd:	—	—	—	—	—	—
humile.	Dwarf	—	—	—	—	—	—
ignescens.	Fiery-flowered	—	July	—	D.S.	—	—
incisum.	Fine-leaved	—	Aug:	—	Ora:	—	—
inodorum.	Inodorous	—	June	—	—	—	—
inquinans.	Scarlet	—	—	—	—	—	—
— fulgens.	— Dark var:	—	—	—	—	—	—
— flo: pleno.	— Double-flowd:	—	—	—	—	—	—
lanceolatum.	Lance-leaved	Seed	July	—	D.S.	—	—
lateripea.	Ivy-leaved	Cut:	Aug:	—	—	—	—
— fol: var:	— Striped-lvd:	—	—	—	—	—	—
lucidum.	Shining-leaved	—	June	—	Ora:	—	—
multifidum.	Fine Cut-lvd:	—	—	—	—	—	—
multicuspis.	Many-angled	Seed	—	—	D.S.	—	—
palmatum.	Palmated	Cut:	—	—	Ora:	—	—
— fol: var:	— Striped-lvd:	—	—	—	—	—	—
paniculatum.	Panicled	—	Aug:	—	D.S.	—	—
papilionaceum.	Butterfly	—	June	—	Ora:	—	—
patulum.	Spreading	—	Aug:	—	—	—	—
penicillatum.	Pencilled	—	—	—	—	—	—
piperitum.	Peppermint	Seed	—	—	—	—	—
præmorsum.	Bitten-ended-lvd:	Cut:	—	—	D.S.	—	—
pubescens.	Downy	—	July	—	Ora:	—	—
purpurascens.	Purple-flowered	—	Aug:	—	—	—	—
quercifolium ma:	Oak-lvd: large	Cut:	Aug:	R.M.	Ora:	—	—
— minor.	— Smaller	—	—	—	—	—	—
— minima.	— Smallest	—	—	—	—	—	—
— fol: var:	— Striped-lvd:	—	—	—	—	—	—
— fol: mac:	— Marked-lvd:	—	—	—	—	—	—
Radula major.	Rasp-lvd: large	—	June	—	—	—	—
— minor.	— Small	—	—	—	—	—	—
— odoratum.	— Otto of Rose	—	—	—	—	—	—
— fol: vari:	— Striped-lvd:	—	—	—	—	—	—
reniformé.	Kidney-leaved	—	Aug:	—	D.S.	—	—
ribifolium.	Currant-leaved	—	—	—	Ora:	—	—
rugosum.	Harsh-leaved	—	July	—	—	—	—
saniculifolium.	Sanicle-leaved	—	—	—	—	—	—
scabrum.	Rough-leaved	—	—	—	—	—	—
semitrilobum.	Half three-lobed	—	—	—	—	—	—
speciosum.	Shewy	—	—	—	—	—	—
spurius.	Spurious	—	—	—	—	—	—

		Cl. Or.	Prop.	Flow.	Soll.	House.	Country.
		16.	4.				
GERANIUM,	GERANIUM.	Seed	Aug:	R.M.	Ora:	C.G.H.	
suaveolens.	Sweet-scented	—	July	—	—	—	—
tenuifolium.	Slender-leaved	Cut:	—	—	—	—	—
ternatum.	Ternate-leaved	—	Aug:	—	D.S.	—	—
tetragonum.	Four-angled	—	—	—	—	—	—
— fol: varieg:	— Striped-lvd:	Seed	July	—	Ora:	—	—
tomentosum.	Downy-leaved	Cut:	—	—	—	—	—
tricuspidatum.	Tricuspidate	—	June	—	D.S.	—	—
b. tricolor.	Three-colored	—	—	—	—	—	—
— frutescens.	— Shrubby	Cut:	July	—	Ora:	—	—
tripartium.	Three-divided-lvd:	Seed	Aug:	—	—	—	—
b. verbascifolium.	Mullein-leaved	—	—	—	—	—	—
— verbasciflorum.	Mullein-flowered	Cut:	June	—	Ora:	—	—
— vitifolium.	Vine-leaved	—	—	—	—	—	—
— fol: var:	— Striped-lvd:	—	July	—	—	—	—
Zonale alba.	Horse-shoe White	—	—	—	—	—	—
— carnea.	— Flesh-color	—	—	—	—	—	—
— coccinea.	— Scarlet	—	—	—	—	—	—
— monstrosium.	— Monstrous	—	—	—	—	—	—
— pleno.	— Double	—	—	—	—	—	—
— fol: margina:	— Striped-edged	—	—	—	—	—	—
— fol: var: aur:	— Gold-striped	—	—	—	—	—	—
— fol: var: arg:	— Silver-striped	—	—	—	—	—	—
— fol: tricolor:	— Three-col-lvd:	—	—	—	D.S.	—	—

SELECTION OF FINE SEEDLING VARIETIES OF GERANIUMS.

GERANIUM.	GERANIUM.	GERANIUM.
Amandum	De Clifford's, Lady	Multicuspis
Amorphum	Delectable	Multiflorum
Anglesea's, Marq: of	Eximium	Multifidum
Angelina	Excellens	Nosegay, Scarlet
Augustum	Fibulum	— Pink
Aylesford's, Ctss: of	Forman's, Large	Optabile
Banbury	— Small var:	Ornatum
Barrington's, Mrs.	Generalissimo	Oxford
Bath's, Marchss: of	Gloriosum	Pallidum
Bath Scarlet	Hankey's, Mrs.	Perry's
Beaufort's, Dchss: of	Helen	Prince Regent
Bentick's, Lady	Hoar's, Sir Richard	Prince Cobourg
Beadon's, Mrs.	Hulse's, Sir Edward	Princess Charlotte
Beresford's, General	Imperial	Procerens
Bowles's, Mr.	Irby's, Hon: Mr.	Pubescens
Bruce's	Lambert's, Mr.	Pulchrum
Cavernum	Lucidum	Pumilum
Colville's	Luculentum	Richardson's
Commander in Chief	Macrophyllum	Royal George
Compton	Magnificum	Rowanii
Coventry's, Lady	Marginatum	Rubellum
Curtis's, Mr.	Maria de Medicis	Rutilans
— Purple var:	Matilda	Scintillans

GERANIUM.
Semitrilobum
Solanacenum
Sophia
Sordidum
Splendens
Superbum

GERANIUM.
Supremum
Stænopetalum
Striatum
Tankerville's, Earl of
Transcendens
Trilobum

GERANIUM.
Undulatum
Venosum
Venustum
Villosum
Watson's
Wellington's, Marq: of

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
GLOBULARIA,	GLOBULARIA.	4. 1.					
Alypum.	Three-tooth'd-lyd:	Lay:	Aug:	P.L.	Ora:	S. Eu.	
longifolia.	Long-leaved	—	July	—	—	—	Madeira.
GLYCINE,	GLYCINE.	17. 4.					
angustifolia.	Narrow-leaved	Seed	June	P.L.	Ora:	C. G. H.	
bituminosa.	Bituminous	Cut:	May	—	—	—	—
GNAPHALIUM,	EVERLASTING.	19. 2.					
arborescens.	Tree	Cut:	June	S.P.	Hth:	C. G. H.	
congestum.	Close-headed	—	—	—	—	—	—
crassifolium.	Thick-leaved	—	Aug:	—	—	—	—
ericoides.	Heath-leaved	—	—	—	Ora:	—	—
eximium.	Garland	Seed	—	—	D.S.	—	—
grandiflorum.	Large-flowered	Cut:	June	—	Ora:	—	—
ignescens.	Red flowered	—	July	—	—	—	—
longifolium.	Long-leaved	—	—	—	—	N. Hol.	—
millefolium.	Crowded-flowd:	—	—	—	—	—	—
GNIDIA,	GNIDIA.	8. 1.					
capitata.	Purple-twigged	Cut:	June	S.P.	D.S.	C. G. H.	
flava.	Yellow-flowered	—	July	—	—	—	—
grandis.	Tallest	Seed	—	—	—	—	—
laevigata.	Smooth leaved	Cut:	June	—	—	—	—
imberbis.	Smooth-scaled	—	—	—	—	—	—
oppositifolia.	Opposite-leaved	—	—	—	—	—	—
pinifolia.	Pine-leaved	—	—	—	—	—	—
radiata.	Star-flowered	—	—	—	—	—	—
sericea.	Silky	—	July	—	—	—	—
simplex.	Flax-leaved	—	May	—	Ora:	—	—
GOMPHOLOBIUM,	GOMPHOLOBIUM.	10. 1.					
fimbriatum.	Fine-leaved	Seed	May	S.P.	D.S.	N. Hol.	
glaucum.	Sea-green-lyd:	—	July	—	—	—	—
grandiflorum.	Large-flowered	—	—	—	—	—	—
marginatum.	Small-flowered	—	June	—	—	—	—
polymorphum.	Changeable	—	—	—	—	—	—
GOODENIA,	GOODENIA.	5. 1.					
grandiflora.	Large-flowered	Seed	Aug:	S.P.	Ora:	N. Hol.	
lanceolata.	Lance-leaved	Cut:	—	—	—	—	—
latifolia.	Broad-leaved	—	—	—	—	—	—
ovata.	Yellow-flowered	—	—	—	—	—	—
GOODIA,	GOODIA.	17. 4.					
lotifolia.	Smooth-lyd:	Seed	June	S.P.	Ora:	N. Hol.	
pubescens.	Downy-lyd:	—	—	—	—	—	—

		Cl.	Or.	Prop.	Flow.	Soil.	House.	Country.
GORDONIA, Lasianthus.	LOBLOLLY-BOY. Smooth-leaved	16.	7.					Lay: Sept: P.L. Con: N. Am.
GORTERIA, arachnoidea. ciliaris. fruticosa.	GORTERIA. Webbed-leaved Ciliated-leaved Shrubby	19.	3.					Cut: July P.L. Ora: C.G.H. — May ——— — July ———
GREVILLEA, acuminata. buxifolia. linearis alba. — rubra. sericea alba. — rubra.	GREVILLEA. Acute-leaved Box-leaved Linear-lvd: White — Red Silky White — Red	4.	1.					Seed July S.P. D.S. N. Hol. — — — Con: ——— — — — ——— — — — ———
GREWIA, occidentalis. orientalis.	GREWIA. Elm-leaved Oriental	13.	1.					Cut: Aug: P.L. Ora: C.G.H. — — — ——— E. Ind.
HAKEA, acicularis. amplexicaulis. ceratophylla. cineria. dactyloides latif: — angustifolia. elliptica. florida. gibbosa. heterophylla. ilicifolia. nitida. oleifolia. obliqua. pubescens. pugioniformis. rubricaulis. saligna. suaveolens. undulata.	HAKEA. Needle-leaved Stem-clasping Stag's-horn-lvd: Hoary-leaved Nerve-leaved — Narrow var: Oval-leaved Many-flowered Gibbous-fruited Various-leaved Holly-leaved Shining-leaved Olive-leaved Oblique Downy Dagger-fruited Red-stalked Willow-leaved Sweet-scented Wave-leaved	4.	1.					Cut: July S.P. Ora: N. Hol. — — — ——— — Aug: ——— Seed ——— Cut: ——— — June ——— — — — ——— Lay: ——— Cut: ——— — July ——— Lay: ——— Cut: June ——— — — — ——— Seed May ——— Cut: July ——— Seed Apr: — Con: ——— Cut: July ——— Ora: ———
HALLERIA, lucida.	HALLERIA. Shining-leaved	14.	2.					Cut: Aug: P.L. Ora: C.G.H.
HALORAGIS, Cercodia.	HALORAGIS. Whorl-flowered	8.	3.					Cut: July S.P. Ora: N. Zeal.
HEBENSTREITIA, cordifolia. b. dentata. — aurea.	HEBENSTREITIA. Heart-leaved Tooth-leaved — Orange-flowd:	14.	2.					Cut: July P.L. D.S. C.G.H. Seed May ——— — — — ———
HELIOTROPIMUM, grandiflorum. peruvianum.	TURNSOLE. Large-flowered Peruvian	4.	4.					Cut: July R.M. D.S. Peru.
HELIOPHILA, incana. b. HERMANNIA, almifolia. althæifolia.	HELIOPHILA. Hoary HERMANNIA. Alder-leaved Althæ-leaved	15.	2.					Cut: May S.P. Ora: C.G.H.
		16.	1.					Cut: May L.P. Ora: C.G.H.

		Cl. Or.	Prop.	Flow.	Soil.	Housc.	Country.
HERMANNIA,	HERMANNIA.	16. 1.					
candicans.	White	Cut:	June	L.P.	D.S.	C.G.H.	
cuneifolia.	Wedge-leaved	— Aug: —	—	—	Ora: —	—	—
denudata.	Smooth	— June —	—	—	D.S.	—	—
disticha.	Round-leaved	— — —	—	—	—	—	—
flammea.	Flame-color-fl'd:	— July —	—	—	—	—	—
glanca.	Sea-green	— June —	—	—	—	—	—
grandiflora.	Large-flowered	— May —	—	—	D.S.	—	—
grosulariæfolia.	Gooseberry-lyd:	— Apr: —	—	—	Ora: —	—	—
hirsuta.	Hairy-leaved	— May —	—	—	—	—	—
holosericea.	Velvet-leaved	— — —	—	—	—	—	—
hyssopifolia.	Hyssop-leaved	— — —	—	—	—	—	—
incisa.	Gash'd-leaved	— June —	—	—	—	—	—
lavendulæfolia.	Lavender-leaved	— July —	—	—	—	—	—
micans.	Shining	— June —	—	—	D.S.	—	—
odorata.	Sweet-scented	— Aug: —	—	—	—	—	—
plicata.	Plaited-leaved	— Oct: —	—	—	Ora: —	—	—
præmorsa.	Bitten-ended-lyd:	— June —	—	—	—	—	—
procumbens.	Procumbent	— — —	—	—	—	—	—
salviæfolia.	Sage leaved	— — —	—	—	—	—	—
scabra.	Rough	— May —	—	—	—	—	—
trifoliata.	Three-forked	— June —	—	—	—	—	—
trifurcata.	Three-leaved	— July —	—	—	—	—	—
HIBISCUS,	HIBISCUS.	16. 7.					
æthiopicus.	Dwf: Wedge-lyd:	Seed July	S.P.	Ora:	C.G.H.		
heterophyllus.	Various-leaved	— Aug: —	—	—	Con: N. Hol.		
Patersonius.	Paterson's	Cut: — — —	—	—	D.S. Nor. Isle.		
HIPPIA,	HIPPIA.	19. 4.					
frutescens.	Shrubby	Cut: May	P.L.	Ora:	C.G.H.		
HIPPOCREPIS,	HORSESHOE VETCH.	17. 4.					
balearica.	Shrubby	Cut: June	R.M.	Ora:	Minorca.		
HOPEA,	HOPEA.	18. 4.					
t. tinctoria.	Laurel-leaved	Lay: Sept:	P.L.	Con:	Carolina.		
HOVEA,	HOVEA.	17. 4.					
lanceolata.	Lance-leaved	Seed Aug:	S.P.	Con:	N. Hol.		
linearis.	Linear-leaved	— — —	—	—	—		
longifolia.	Long-leaved	— — —	—	—	—		
HOVENIA,	HOVENIA.	5. 1.					
dulcis.	Sweet	Cut: Aug:	P.L.	Sin:	Japan.		
HUDSONIA,	HUDSONIA.	11. 2.					
ericoides.	Heath-like	Lay: June	S.P.	Ora:	N. Am.		
HUMEA,	HUMEA.	19. 1.					
b. elegans.	Rose-colored	Seed July	S.P.	Ora:	N. Hol.		
HYPERICUM,	ST. JOHN'S-WORT.	18. 4.					
ægyptiacum.	Egyptian	Cut: June	P.L.	Ora:	Egypt.		
balearicum.	Minorca or Warted	— Apr: R.M.	—	—	Minorca.		
canariensis.	Canary	— Aug: P.L.	—	—	Canaries.		
Coris.	Heath-leaved	— July —	—	—	S. Ea.		
crispum.	Curled-leaved	— Aug: —	—	—	Greece.		
floribundum.	Many-flowered	— July —	—	—	Madaira.		
foliosum.	Shining	— — —	—	—	Azores.		
glandulosum.	Glandulous	— — —	—	—	Madaira.		

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
HYPERICUM,	ST. JOHN'S-WORT.	18. 4.					
<i>monogynum.</i>	Chinese	Cut:	Apr:	P.L.	Sin:	China.	
<i>olympicum.</i>	Olympian	— Aug:	—	—	—	Levant.	
<i>reflexum.</i>	Reflex-leaved	—	—	—	—	Teneriffe.	
IBERIS,	CANDYTUFT.	15. 1.					
<i>semperflorens.</i>	Ever-blowing	Cut:	June	R.M.	Ora:	Persia.	
— fol: varieg:	— Striped-leaved	—	—	—	—	—	
ILEX,	HOLLY.	4. 4.					
<i>crocea.</i>	African	Lay:	May	P.L.	Ora:	C.G.H.	
<i>vomitaria.</i>	South-sea Tea	—	—	—	—	Florida.	
ILICIAM,	ANISEED TREE.	13. 6.					
<i>floridanum.</i>	Red-flowered	Lay:	June	S.P.	Con:	Florida.	
<i>parviflorum.</i>	Yellow-flowered	—	—	P.L.	—	—	
INDIGOFERA,	INDIGO.	17. 4.					
<i>amæna.</i>	Red-flowered	Cut:	May	S.P.	D.S.	C.G.H.	
<i>angustifolia.</i>	Narrow-leaved	—	June	—	—	—	
<i>australis.</i>	Botany-Bay	Seed	May	—	—	N. Hol.	
<i>candicans.</i>	Whitish-leaved	Cut:	June	—	—	C.G.H.	
<i>coriacea.</i>	Leathery-leaved	—	July	—	—	—	
<i>cytisoides.</i>	Angular-stalked	—	—	—	—	—	
<i>denudata.</i>	Naked-stalked	—	—	—	—	—	
<i>glandulifera.</i>	Glandular	—	—	—	—	—	
<i>psoraloides.</i>	Long-spiked	Seed	June	—	—	—	
<i>purpurea.</i>	Purple-flowered	Cut:	—	—	—	—	
<i>sarmentosa.</i>	Dwarf	—	—	—	—	—	
INULA,	INULA.	19. 2.					
<i>viscosa.</i>	Clammy	Cut:	July	P.L.	Ora:	S. Ea.	
ISOPOGON,	ISOPOGON.	4. 1.					
<i>anemonifolius.</i>	Anemone-leaved	Seed	July	S.P.	Ora:	N. Hol.	
<i>anethifolius.</i>	Dill-leaved	—	May	—	—	—	
<i>formosus.</i>	Handsome	—	—	—	—	—	
<i>trilobus.</i>	Three-lobed	—	—	—	—	—	
ITEA,	ITEA.	5. 1.					
<i>Cyrilla.</i>	Carolina	Lay:	July	P.L.	Ora:	Carolina.	
IXODIA,	IXODIA.	19. 1.					
<i>achillæoides.</i>	Milfoil-like	Cut:	July	S.P.	Ora:	N. Hol.	
JACKSONIA,	JACKSONIA.	10. 1.					
<i>scoparia.</i>	Broom-like	Seed	July	S.P.	Ora:	N. Hol.	
<i>spinosa.</i>	Spinous	—	—	—	—	—	
JASMINUM,	JASMINE.	2. 1.					
<i>lanceolatum.</i>	Lance-leaved	Cut:	Aug:	R.M.	Ora:	C.G.H.	
<i>odoratissimum.</i>	Yellow Indian	—	—	—	—	E. Ind.	
JATROPHA,	PHYSIC-NUT.	21. 8.					
<i>heterophylla.</i>	Various-leaved	Seed	Aug:	S.P.	Con:	N. Hol.	
JUNIPERUS,	JUNIPER.	22. 12.					
<i>bermudiana.</i>	Bermuda Cedar	Seed	May	P.L.	Ora:	Bermuda	
— <i>sinensis.</i>	Chinese	Lay:	—	—	—	China.	
JUSTICIA,	JUSTICIA.	2. 1.					
<i>Adhatoda.</i>	Malabar-Nut	Seed	July	P.L.	Ora:	Ceylon.	
<i>hyssopifolia.</i>	Snap-Tree.	Cut:	May	—	—	Canaries.	
<i>orchioides.</i>	Orchis-flowered	—	Aug:	—	—	C.G.H.	
KALMIA,	KALMIA.	10. 1.					
<i>hirsuta.</i>	Hairy	Lay:	July	S.P.	Con:	N. Am.	

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
KIGGELARIA,	KIGGELARIA.	22. 9.					
afficana.	African		Cut:	June	S.L.	Ora:	C.G.H.
LACHNÆA,	LACHNÆA.	8. 1.					
conglomerata.	Cluster-flowered		Seed	June	R.M.	D.S.	C.G.H.
eritrocephala.	Woolly-flowered		Cut:	July	P.L.		
purpurea.	Purple-flowered						
LAGERSTRÆMIA,	LAGERSTRÆMIA.	13. 1.					
indica.	India		Cut:	Aug:	S.L.	Cón:	E. Ind.
LAMARCKIA,	LAMARCKIA.	4. 1.					
dentata.	Tooth-leaved		Lay:	May	S.P.	Ora:	N. Hol.
LAMBERTIA,	LAMBERTIA.	4. 1.					
formosa longifol:	Red-fld: long-lyd		Cut:	July	S.P.	Ora:	N. Hol.
— brevifol:	— Short-leaved						
LANTANA,	LANTANA.	14. 2.					
afficana.	Rex-lyd: Jasmine		Cut:	June	R.M.	Ora:	C.G.H.
LASIOPETALUM,	LASIOPETALUM.	5. 1.					
arborescens.	Tree-growing		Cut:	July	S.P.	D.S.	N. Hol.
fertuginetum.	Rusty						
purpureum.	Purple-flowered			June			
quercifolium:	Oak-leaved						
roseum.	Rose-flowered						
LAVANDULA,	LAVENDER.	14. 1.					
dentata.	Tooth-leaved		Cut:	Aug:	P.L.	Ora:	Spain.
d. multifida.	Cut-leaved		Seed	Sept:			N. Eu.
pinnata.	Winged-leaved		Cut:	July			Madeira.
Stæchas.	French			May			Canaries.
viridis.	Madeira			June			Madeira.
LAVATERA,	LAVATERA.	16. 7.					
lusitanica.	Portugal		Seed	July	S.L.	Ora:	Portugal.
maritima.	Sea-side			May			S. Eu.
olbia.	Downy			June			S. France.
triloba.	Three-lobed						Spain.
LAUROPHYLLUS,	LAUROPHYLLUS.	23. 2.					
capensis.	Cape		Lay:	June	P.L.	Ora:	C.G.H.
LAURUS,	LAUREL.	9. 1.					
Borbonia glabra.	Carolina Bay.		Seed	May	S.P.	Ora:	N. Am.
— tomentosa.	— Downy						
t. Camptiflora.	Camphire.		Lay:		S.L.	Stn:	China.
— fæsans.	Madeira		Cut:			Ora:	Madeira.
— fol: undulatis.	— Wave-leaved						
glauca.	Glaucous		Lay:			D.S.	China.
t. indica.	Royal Bay.			Oct:		Ora:	Madeira.
melissæfolia.	Balm-leaved		Seed	June	S.P.		N. Am.
nobilis fol: var:	Sweet Bay stpd:		Cut:	May	R.M.		Italy.
LEBECKIA,	LEBECKIA.	17. 4.					
contaminata.	Narrow-leaved		Seed	May	P.L.	Ora:	C.G.H.
cyttissoides.	Cytissus-like						
sericea.	Silky						
LEPTOSPERMUM,	LEPTOSPERMUM.	12. 1.					
ambiguum.	Hook-leaved		Cut:	July	P.L.	Ora:	N. Hol.
baccatum.	Berry-bearing						
flavescens.	Yellowish						

		Cl.	Or.	Prop.	Flow.	Soil.	House.	Country.
LEPTOSPERMUM,	LEPTOSPERMUM.	12. 1.						
floribundum.	Many-flowered		Cut:	June	P.L.	Ora:	N.	Hol.
juniperinum.	Juniper-like		—	July	—	—	—	—
incanum.	Hoary		—	—	—	—	—	—
lanigerum.	Woolly		—	—	—	—	—	—
myrtifolium.	Myrtle-leaved		—	—	—	—	—	—
obliquum.	Oblique-leaved		—	Aug:	—	—	—	—
rubicanle.	Red-stalked		—	June	—	—	—	—
rubiflorum.	Red-flowered		—	—	—	—	—	—
rigidum.	Harsh		—	July	—	—	—	—
scoparium.	Broom-like		—	—	—	—	—	—
Thea.	Botany-Bay Tea.		—	May	—	—	—	—
tomentosum.	Downy		—	—	—	—	—	—
LEUCOPOGON,	LEUCOPOGON.	5. 1.						
lanceolatus.	Lance-leaved		Cut:	July	S.P.	Ora:	N.	Hol.
ovatus.	Oval-leaved		—	—	—	—	—	—
LEYSERIA,	LEYSERIA.	19. 2.						
gnaphaloides.	Woolly		Seed	Aug:	P.L.	Ora:	C.G.H.	
LIGHTFOOTIA,	LIGHTFOOTIA.	5. 1.						
oxycoccoides.	Lance-leaved		Cut:	Aug:	S.L.	Ora:	C.G.H.	
LINUM,	FLAX.	5. 5.						
africanum.	African		Seed	June	P.L.	Ora:	C.G.H.	
quadrifolium.	Four-leaved		—	—	—	—	—	—
trigynum.	Three-seeded		Cut:	Oct:	—	—	E.	Ind.
LIPARIA,	LIPARIA.	17. 4.						
glabra.	Smooth		Seed	June	P.L.	Ora:	C.G.H.	
hirsuta.	Hairy		—	—	—	—	D.S.	—
sericea.	Silky		—	—	—	—	Ora:	—
sphaerica.	Globe-flowered		—	Aug:	—	—	Ora:	—
vestita.	Concave-leaved		—	June	—	—	D.S.	—
villosa.	Woolly		—	—	—	—	Ora:	—
LOBELIA,	LOBELIA.	19. 7.						
Brandtii.	Giant		Suc:	Aug:	S.L.	Con:	Chili.	
b. pinifolia.	Pine-leaved		Seed	July	S.P.	D.S.	C.G.H.	
LODDIGESIA,	LODDIGESIA.	17. 4.						
oxalidifolia.	Oxalis-leaved		Cut:	June	P.L.	Ora:	C.G.H.	
LOMATIA,	LOMATIA.	4. 1.						
silaefolia.	Cut-leaved		Cut:	July	S.P.	Ora:	N.	Hol.
integrifolia.	Entire-leaved		—	—	—	—	—	—
LOTUS,	BIRDSFOOT TREFOIL.	17. 4.						
australis.	New Holland		Seed	June	S.P.	Ora:	N.	Hol.
b. Jacobæus.	Dark-flowered		Cut:	May	R.M.	—	CapeVerd	
— flo: flavo.	— Yellow var:		—	—	—	—	—	—
LYCIUM,	BOX-THORN.	5. 1.						
afrum.	African		Cut:	June	P.L.	Ora:	C.G.H.	
horridum.	Succulent-lyd:		—	July	—	—	—	—
rigidum.	Rigid		—	May	—	—	—	—
MAGNOLIA,	MAGNOLIA.	13. 5.						
annonaefolia.	Annona-leaved		Lay:	May	P.L.	Sin:	China.	
fuscata.	Brown-flowered		—	—	—	—	—	—
gracilis.	Slender		—	July	—	—	—	—
pumila.	Dwarf		Cut:	—	—	Con:	—	—

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
MAHERNIA,	MAHERNIA.	5. 3.					
<i>diffusa.</i>	Procumbent	Cut:	July	P.L.	D.R.	C.G.H.	
<i>glabrata.</i>	Smooth	—	Aug:	—	—	—	—
<i>incisa.</i>	Cut-leaved	—	May	—	—	—	—
<i>pinnata.</i>	Winged-leaved	—	—	—	—	—	—
MALVA,	MALLOW.	16. 7.					
<i>angustifolia.</i>	Narrow-leaved	Cut:	Aug:	P.L.	Ora:	Mexico.	
<i>capensis.</i>	Cape	Seed	May	—	—	C.G.H.	
<i>divaricata.</i>	Straddling	Cut:	June	—	—	—	—
<i>grosularifolia.</i>	Gooseberry-lvd:	Seed	May	—	—	—	—
<i>laciniata.</i>	Cut-flowered	Cut:	July	—	—	—	—
b. <i>miniata.</i>	Scarlet-flowered	—	—	—	—	S. Am.	
<i>reflexa.</i>	Reflex-flowered	—	June	—	—	—	—
<i>retusa.</i>	Blunt-leaved	—	May	—	—	—	—
MARRUBIUM,	WHITEHOREHOUND	14. 1.					
<i>Pseu: Dictamnus.</i>	Shrubby	Cut:	July	P.L.	Ora:	Candia.	
MEDICAGO,	MEDICK.	17. 4.					
<i>arborea.</i>	Moon Trefoil.	Cut:	June	S.L.	Ora:	Italy.	
MELALEUCA,	MELALEUCA.	18. 3.					
<i>armillaris.</i>	Pale-flowered	Lay:	July	S.P.	Ora:	N. Hol.	
<i>calycina.</i>	Permanent-cupt	—	—	—	—	—	—
<i>decussata.</i>	Cross-leaved	Cut:	Aug:	—	—	—	—
<i>densa.</i>	Crowded-leaved	—	July	—	—	—	—
<i>diosmæfolia.</i>	Diosma-leaved	—	June	—	—	—	—
<i>ericæfolia.</i>	Heath-leaved	Lay:	—	—	—	—	—
<i>fulgens.</i>	Splendid	Cut:	July	—	Con:	—	—
<i>genistæfolia.</i>	Genista-leaved	—	—	—	Ora:	—	—
<i>globifera.</i>	Globe-fruited	—	Aug:	—	—	—	—
<i>hypericifolia.</i>	Hypericum-lvd:	—	—	—	Con:	—	—
<i>linariifolia.</i>	Toadflax-leaved	—	—	—	Ora:	—	—
<i>nodosa.</i>	Close-fruited	Lay:	—	—	—	—	—
<i>paludosa.</i>	Long-lvd: Red	Cut:	—	—	—	—	—
<i>pulchella.</i>	Few-flowered	—	July	—	—	—	—
<i>scabra.</i>	Rough-leaved	—	—	—	—	—	—
<i>squarrosa.</i>	Myrtle-leaved	—	—	—	—	—	—
<i>stricta.</i>	Upright	—	Aug:	—	—	—	—
<i>stypheloides.</i>	Styphelia-leaved	—	June	—	—	—	—
<i>tetragona.</i>	Four-sided	—	—	—	—	—	—
<i>thymifolia.</i>	Thyme-leaved	—	—	—	Con:	—	—
<i>tomentosa.</i>	Downy-leaved	—	May	—	—	—	—
<i>viridiflora.</i>	Green-flowered	—	—	—	Ora:	—	—
<i>uncinata.</i>	Hooked-leaved	—	—	—	—	—	—
MELIA,	BEAD TREE.	10. 1.					
<i>Azedarach.</i>	Common	Seed	July	S.L.	Con:	E. Ind.	
<i>Azadarachta.</i>	Ash-leaved	—	—	—	—	—	—
MELIANTHUS,	HONEY-FLOWER.	14. 2.					
<i>major.</i>	Great	Suc:	July	S.L.	Ora:	C.G.H.	
<i>minor.</i>	Smaller	—	Aug:	—	—	—	—
METROSIDEROS,	METROSIDEROS.	12. 1.					
<i>angustifolia.</i>	Narrow-leaved	Cut:	June	S.L.	Ora:	N. Hol.	
<i>carinata.</i>	Keeled-leaved	—	—	—	—	—	—
<i>crassifolia.</i>	Thick-leaved	—	—	—	—	—	—

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
METROSIDEROS,	METROSIDEROS.	12. 1.					
decurrens.	Winged-stalked	Cut:	June	S.L.	Ora:	N. Hol.	
floribunda.	Many-flowered						
hispida.	Hairy		July		Con:		
lanceolata.	Lance-shpd: lvd:		June		Ora:		
linearis.	Linear-leaved						
longifolia.	Long-leaved						
myrtifolia.	Myrtle-leaved						
pinifolia.	Pine-leaved						
saligna.	Willow-leaved						
— flo: albo.	— White var:						
scabra.	Rough-leaved						
speciosa.	Shewy				Con:		
tomentosa.	Downy						
trinervia.	Three-nerved				Ora:		
Mimosa,	Mimosa.	23. 1.					
t. acicularis.	Needle-leaved	Saed	July	S.P.	Con:	N. Hol.	
alata.	Winged	Cut:	June				
angustifolia.	Narrow-leaved		July				
armata.	Simple-lvd: prickly	Seed	May		D.S.		
biflora.	Two-flowered				Con:		
t. Caffra.	Cape				D.S.	C.G.H.	
ciliata.	Ciliated					N. Hol.	
dealbata.	Whitish				Ora:		
deeipiens.	Triangular-lvd:	Cut:	June		Con:		
t. decurrens.	Winged-stalked,	Seed					
— discolor.	Two-color'd-lvd:		Aug:				
— ensifolia.	Sword-leaved	Cut:	July		Ora:		
falcata.	Scymitar-leaved	Seed	May				
— glauca.	— Pale-green var:						
floribunda.	Many-flowered						
t. glauca.	Sea-green						
hispidula.	Hispid		June		D.S.		
juniperina.	Juniper-leaved	Cut:	July		Con:		
t. latifolia.	Broad-leaved		May				
— linifolia.	Flax-leaved						
— longifolia.	Long-leaved						
— lophanta.	Two-spiked	Seed	July				
marginata.	Margined						
melanoxylon.	Black-wooded		May				
microphylla.	Small-leaved		July				
myrtifolia.	Myrtle-leaved	Cut:	May		Ora:		
— minor.	— Small var:				D.S.		
— glauca.	— Sea-green-lvd:						
nigricans.	Unequal-winged	Seed	June		Ora:		
obliqua.	Oblique-leaved.	Cut:					
obtusifolia.	Blunt-leaved						
paradoxa.	Paradoxical	Cut:	May	S.P.	Con:		
pinifolia.	Pine-leaved	Seed	July		Con:		
pubescens.	Downy-leaved	Root	Apr:				
pulchella.	Zig-zag spring	Seed	May		Ora.		
rutcolens.	Rue-smelling	Cut:	June				

		Cl. Or. Prop. Flow. Soil. House. Country.	
MIMOSA,	MIMOSA.	23. 1.	
<i>sophora.</i>	<i>Sophora-like</i>	Seed June S.P. Ora: <i>N. Hol.</i>	
<i>stricta.</i>	<i>Upright</i>	— Apr: —	
<i>suaevoleas.</i>	<i>Sweet-scented</i>	— — —	
<i>verticillata.</i>	<i>Whorl-leaved</i>	— May — Con: —	
MIMULUS,	MONKEY-FLOWER.	14. 2.	
<i>glutinosus.</i>	<i>Orange</i>	Cut: July R.M. Ora: <i>Califora.</i>	
MIRBELIA,	MIRBELIA.	10. 1.	
<i>dilatata.</i>	<i>Lobe-leaved</i>	Seed July S.P. D.S. <i>N. Hol.</i>	
<i>reticulata.</i>	<i>Netted-leaved</i>	— — —	
MONTINIA,	MONTINIA.	22. 4.	
<i>caryophyllacea.</i>	<i>Glaucous-leaved</i>	Cut: July P.L. D.S. <i>C.G.H.</i>	
MYRICA,	CANDLEBERRY MYRTLE.	22. 4.	
<i>capensis.</i>	<i>Cape</i>	Lay: June S.L. Ora: <i>C.G.H.</i>	
<i>cordifolia.</i>	<i>Heart-leaved</i>	Cut: — P.L. —	
<i>Paya.</i>	<i>Azorian</i>	Lay: — S.L. — <i>Azores.</i>	
<i>quercifolia.</i>	<i>Oak-leaved</i>	Cut: — R.M. — <i>C.G.H.</i>	
— fol: <i>glabra.</i>	<i>Smooth-lvd:</i>	— — —	
<i>serrata.</i>	<i>Saw-leaved</i>	— July S.L. —	
MYRSINE,	MYRSINE.	5. 1.	
<i>africana.</i>	<i>African</i>	Cut: Apr: P.L. Ora: <i>C.G.H.</i>	
<i>retusa.</i>	<i>Azorian</i>	— June — <i>Azores.</i>	
MYRTUS,	MYRTLE.	12. 1.	
<i>communis.</i>	<i>Com: broad-lvd:</i>	Cut: July R.M. Ora: <i>S. Eu.</i>	
2. —	— <i>Bird's-nest</i>	— — —	
3. —	— <i>Box-leaved</i>	— — —	
4. —	— <i>Blotched</i>	— — —	
5. —	— <i>Dutch</i>	— — —	
6. —	— <i>Doler-flowd:</i>	— — —	
7. —	— <i>Italian upright</i>	— — —	
8. —	— <i>Striped</i>	— — —	
9. —	— <i>Orange-leaved</i>	— — —	
10. —	— <i>Nutmeg</i>	— — —	
11. —	— <i>Striped</i>	— — —	
12. —	— <i>Portugal</i>	— — —	
13. —	— <i>Rosemary-lvd:</i>	— — —	
14. —	— <i>Striped</i>	— — —	
NANDINA,	NANDINA.	6. 1.	
<i>domestica.</i>	<i>Garden</i>	Cut: July P.L. Sin: <i>China.</i>	
NERIUM,	OLEANDER.	5. 1.	
<i>oleander.</i>	<i>Common Red</i>	Lay: Aug: R.M. Ora: <i>S. Eu.</i>	
— flo: <i>pleno.</i>	— <i>Double Red</i>	— — —	
— flo: <i>albo:</i>	— <i>White</i>	— — —	
— flo: <i>pleno.</i>	— <i>Double White</i>	— — —	
— <i>splendens.</i>	— <i>Splendid</i>	— — —	
NOTELEA,	NOTELEA.	2. 1.	
<i>ligustrina.</i>	<i>Privet-leaved</i>	Cut: Aug: S.P. Ora: <i>N. Hol.</i>	
<i>longifolia.</i>	<i>Long-leaved</i>	— May —	
OECHNA,	OECHNA.	15. 1.	
<i>capensis.</i>	<i>Cape</i>	Seed July P.L. D.S. <i>C.G.H.</i>	
CEDERA,	CEDERA.	19. 5.	
<i>prolifera.</i>	<i>Proliferous</i>	Cut: May S.L. Ora: <i>C.G.H.</i>	

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
		2. 1.					
OLEA,	OLIVE.						
americana.	American	Seed	June	S.P.	Ora:	N. Am.	
apetala.	Botany-Bay	—	July	—	Con:	N. Hol.	
capensis.	Cape	Cut:	June	P.L.	D.S.	C.G.H.	
— undulata.	— Wave-leaved	—	—	—	—	—	
europæa.	European	—	July	R.M.	Ora:	S. Ex.	
— fol: obliquis.	— Oblique-leaved	—	—	—	—	—	
— longioribus.	— Long-leaved	—	—	—	—	—	
— latioribus.	— Broad-leaved	—	—	—	—	—	
— ferrugineis.	— Rusty-leaved	—	—	—	—	—	
— minoribus.	— Box-leaved	—	—	—	—	—	
excelsa.	Laurel-leaved	Seed	May	P.L.	Con:	Madeira.	
fragrans.	Sweet-scented	Lay:	July	P.L.	—	China.	
OSTEOSPERMUM,	OSTEOSPERMUM.	19. 4.					
moniliferum.	Poplar-eaved	Seed	Aug:	L.P.	Ora:	C.G.H.	
pisiferum.	Shining-leaved	—	Apr:	—	—	—	
spinosum.	Prickly rough-lvd:	—	June	—	—	—	
OTHONNA,	AFRICAN RAGWORT.	19. 4.					
abrotanifolia.	Southernwood-lvd:	Cut:	Apr:	P.L.	Ora:	C.G.H.	
arborescens.	Tree-aspiring	—	June	—	—	—	
athanasia.	Athanasia-like	—	Nov:	—	—	—	
cherifolia.	Stock-leaved	—	May	—	—	—	
coronopifolia.	Buck's-horn-lvd:	—	Aug:	—	—	—	
crassifolia.	Thick-leaved	—	Oct:	—	—	—	
denticulata.	Tooth'd-leaved	—	July	—	—	—	
parviflora.	Small-flowered	—	—	—	—	—	
pectinata.	Wormwood-lvd:	—	June	—	—	—	
OXYLOBIUM,	OXYLOBIUM.	10. 1.					
arborescens.	Tall-growing	Seed	May	S.P.	D.S.	N. Hol.	
cordifolium.	Heart-leaved	—	July	—	—	—	
ellipticum.	Oval-leaved	—	—	—	—	—	
PÆONIA,	PÆONY.	13. 2.					
moutan.	Tree Common	Lay:	May	P.L.	Sin:	China.	
— flo: purp: odo:	— Purple Sweet	—	—	—	—	—	
papaveracea.	Sir Ab: Hume's	—	—	—	—	—	
PARIETARIA,	PELLITORY.	23. 1.					
arborea.	Tree-growing	Cut:	Apr:	P.L.	Ora:	Canaries.	
PASSERINA,	SPARROW-WORT.	8. 1.					
capitata.	Round-headed	Cut:	July	S.P.	D.S.	C.G.H.	
cupressoides.	Cypress-like	—	June	—	Ora:	—	
filiformis.	Thread-stem'd	—	—	—	—	—	
grandiflora.	Large-flowered	—	July	—	D.S.	—	
hirsuta.	Hairy	—	June	P.L.	Ora:	Spain.	
laxa.	Loose-growing	—	—	—	C.G.H.	—	
spicata.	Spike-flowered	—	May	—	—	—	
PENÆA,	PENÆA.	4. 1.					
mucronata.	Heart-leaved	Seed	June	P.L.	D.S.	C.G.H.	
punicea.	Orange-flowered	—	—	—	—	—	
Sarcocolla.	Purple-flowered	—	—	—	—	—	
equamosa.	Scaly	—	—	—	—	—	
PERSOONIA,	PERSOONIA.	4. 1.					
fusca.	Rusty-leaved	Lay:	July	S.P.	Con:	N. Hol.	

		Cl. Or. Prop. Flow. Soil. House. Country.
PERSOONIA,	PERSOONIA.	4. 1.
<i>lanceolata.</i>	Lance-leaved	Lay: July S.P. Con: <i>N. Hol.</i>
<i>latifolia.</i>	Broad-leaved	_____
<i>linearis.</i>	Linear-leaved	_____
PETROPHILA,	PETROPHILA.	4. 1.
<i>diversifolia.</i>	Various-leaved	Seed July S.P. Ora: <i>N. Hol.</i>
<i>pulchella.</i>	Fennel-leaved	_____
PHLOMIS,	PHLOMIS.	14. 1.
<i>Leonitis.</i>	Balm-leaved	Cut: June P.L. Ora: <i>S. Eu.</i>
<i>Leonurus.</i>	Lion's-tail	Oct: _____ <i>C.G.H.</i>
<i>Lychnitis.</i>	Sage-leaved	July _____
PHYLICA,	PHYLICA.	5. 1.
<i>australis.</i>	Botany-Bay	Cut: Aug: P.L. Ora: <i>N. Hol.</i>
<i>buxifolia.</i>	Box-leaved	June _____ <i>C.G.H.</i>
<i>ericoides.</i>	Heath-leaved	Sept: _____
<i>eriophorus.</i>	Pale-flowered	Nov: _____
<i>horizontalis.</i>	Horizontal	May _____ <i>D.S.</i>
<i>imbricata.</i>	Scaled-leaved	Apr: _____
<i>lanceolata.</i>	Lance-leaved	_____ Ora: _____
<i>myrtifolia.</i>	Myrtle-leaved	June _____
<i>orientalis.</i>	Oriental	_____
<i>ovata.</i>	Oval-leaved	_____
<i>pinifolia.</i>	Pine-leaved	May _____
<i>plumosa.</i>	Feathered	Apr: _____ <i>D.S.</i>
<i>pubescens.</i>	Downy	_____ Ora: _____
<i>rosmarinifolia.</i>	Rosemary-leaved	_____
<i>squarrosa.</i>	Squarrose	May _____
<i>stipularis.</i>	Stipulated	_____
PHYLLIS,	BASTARD HARE'S-EAR.	5. 2.
<i>nobla.</i>	Canary	Seed July R.M. Ora: <i>Canarica.</i>
PIMELIA,	PIMELIA.	2. 1.
<i>linifolia.</i>	Flax-leaved	Cut: June S.P. D.S. <i>N. Hol.</i>
— flo: roseo.	— Rose-color var:	_____
PINCKNEYA,	PINCKNEYA.	5. 1.
<i>pubens.</i>	Downy	Lay: July P.L. Ora: <i>Georgia.</i>
PINUS,	PINE-TREE.	21. 8.
<i>longifolia.</i>	Long-leaved	Gra: July P.L. Ora: <i>China.</i>
<i>orientalis.</i>	Oriental	_____ <i>E. Ind.</i>
PISTACHIA,	PISTACHIA.	22. 5.
<i>atlantica.</i>	Atlantic	Lay: May R.M. Ora: <i>M. Atlas.</i>
<i>Lentiscus.</i>	Mastic-Tree.	_____ <i>S. Eu.</i>
<i>narbonensis.</i>	Narbone	_____
<i>Terebinthus.</i>	Turpentine-Tree.	Cut: June _____ <i>Barbary.</i>
<i>vera.</i>	Pistachia-nut-Tree.	Seed May _____ <i>Levant.</i>
PITTIOSPORUM,	PITTIOSPORUM.	5. 1.
<i>coriaceum.</i>	Leathery-leaved	Lay: May P.L. Con: <i>Madeira.</i>
<i>revolutum.</i>	Reflex-flowered	Gra: June S.P. D.S. <i>N. Hol.</i>
<i>Tobira.</i>	Chinese	Cut: _____ P.L. Sin: <i>China.</i>
<i>viridiflorum.</i>	Cape	_____ July _____ Ora: <i>C.G.H.</i>
<i>undulatum.</i>	Wave-leaved	_____ May S.P. Con: <i>N. Hol.</i>

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
PLATYLOBIUM,	FLAT PEA.	17. 4.					
<i>formosum.</i>	Orange	Seed	July	S.P.	D.S.	N. Hol.	
— <i>minor.</i>	— Small var:	_____	_____	_____	_____	_____	_____
<i>parviflorum.</i>	Small-flowered	_____	Aug:	_____	_____	_____	_____
<i>triangulare.</i>	Triangular-lyd:	_____	_____	_____	_____	_____	_____
PLECTRANTHUS,	PLECTRANTHUS.	14. 1.					
<i>fruticosus.</i>	Shrubby	Cut:	Aug:	R.M.	Orn:	C.G.H.	
b. <i>punctatus.</i>	Dotted	Seed	Mar:	_____	_____	Egypt.	
PODALYRIA,	PODALYRIA.	10. 1.					
<i>biflora.</i>	Two-flowered	Seed	June	P.L.	Orn:	C.G.H.	
<i>calyptrata.</i>	One-flowered	_____	_____	_____	_____	_____	_____
<i>cordata.</i>	Heart-leaved	_____	_____	_____	_____	_____	_____
<i>hirsuta.</i>	Hairy	_____	Aug:	_____	Con:	_____	_____
— <i>latifolia.</i>	— Broad var:	_____	_____	_____	_____	_____	_____
<i>myrtifolia.</i>	Myrtle-leaved	_____	July	_____	_____	_____	_____
<i>sericea.</i>	Silky	_____	Aug:	_____	_____	_____	_____
PEPELOSIUM,	PEPELOSIUM.	10. 1.					
<i>trilobatum.</i>	Three-lobed	Seed	June	S.P.	Con:	N. Hol.	
PEGONIA,	PEGONIA.	4. 1.					
<i>glabra.</i>	Smooth-leaved	Cut:	May	S.P.	Con:	N. Hol.	
<i>pustulata.</i>	Warted-leaved	Seed	Sept:	_____	_____	_____	_____
<i>scabra.</i>	Rough-leaved	_____	_____	_____	_____	_____	_____
POLYSALA,	MILK-WORT.	17. 3.					
<i>alopecuroides.</i>	Fox-tail	Seed	June	S.P.	D.S.	C.G.H.	
<i>bracteata.</i>	Spear-leaved	Cut:	May	_____	_____	_____	_____
<i>cordifolia.</i>	Heart-leaved	_____	Aug:	_____	_____	_____	_____
<i>filiformis.</i>	Thread-stalked	_____	May	_____	_____	_____	_____
<i>graminea.</i>	Grass-like	_____	_____	_____	_____	_____	_____
<i>Heisteria.</i>	Furze-leaved	_____	_____	_____	_____	_____	_____
<i>heterantha.</i>	Small-flowered	Seed	_____	_____	_____	_____	_____
<i>mixta alba.</i>	Heath-leaved	Cut:	_____	_____	Orn:	_____	_____
— <i>subra.</i>	— Red var:	_____	_____	_____	_____	_____	_____
<i>myrtifolia.</i>	Myrtle-leaved	Seed	June	P.L.	_____	_____	_____
<i>oppositifolia.</i>	Opposite-leaved	Cut:	_____	S.P.	D.S.	_____	_____
<i>spinosa.</i>	Prickly	_____	Aug:	_____	_____	_____	_____
<i>speciosa.</i>	Specious	_____	May	_____	Orn:	_____	_____
<i>stipulacea.</i>	Stipaled	Seed	June	_____	_____	_____	_____
<i>teretifolia.</i>	Quilled-leaved	_____	_____	_____	_____	_____	_____
POMADERRIS,	POMADERRIS.	5. 1.					
<i>apetala.</i>	Petalless	Cut:	May	S.P.	Orn:	N. Hol.	
<i>elliptica.</i>	Oval-leaved	_____	_____	_____	_____	_____	_____
<i>ferruginea.</i>	Rusty	_____	July	_____	_____	_____	_____
<i>phyllofolia.</i>	Phylla leaved	_____	May	_____	_____	_____	_____
<i>scabra.</i>	Rough-leaved	_____	_____	_____	_____	_____	_____
POTERIUM,	BURNET.	21. 7.					
<i>caudatum.</i>	Smooth Shrubby	Seed	July	P.L.	Orn:	Cantaria.	
<i>spinosum.</i>	Prickly Shrubby	_____	_____	_____	_____	Edmont.	
PRÆNUM,	SPANNED HEDGENETTL	14. 1.					
<i>majus.</i>	Great	Cut:	Aug:	R.M.	Orn:	Spain.	
<i>minus.</i>	Small	_____	_____	_____	_____	_____	_____

PROTEÆ.

Upon the same grounds which induced me to continue unaltered the genus *Geranium*, as settled by Linnaeus, I have proceeded with *Protea*; and, hence, have not presumed to metamorphose old *Proteus* into his eight additional cognomens of modern date. Their record, however, stands thus: after 1 *Protea*, come, 2 *Leucospermum*, 3 *Mimetus*, 4 *Serruria*, 5 *Nivenia*, 6 *Sorocephalus*, 7 *Spatalla*, 8 *Aulax*, and 9 *Leucodendron*. This brings us nearly back to the lofty Grecisms of old Boerhaave, with his *Lepidocarpodendrons*, *Conocarpodendrons*, and his *Hypophyllocarpodendrons*!!

Cl. Or. Prop. Flow. Soil. House. Country.

4.1.

PROTEA,

PROTEA.

With Lance-shaped and Broad Leaves.

		Seed	Mar:	P.L.	D.S.	C.G.H.
	amplexicaulis.	Stem-clasping	—	May	S.L.	Ora: —
	angustifolia.	Narrow-leaved	—	Aug:	—	—
	arborescens.	Tree-aspiring	—	—	—	—
t.	argentea.	Silver Tree.	—	—	—	—
	canaliculata.	Channel'd-leaved	—	Mar:	—	—
	candicans.	Hairy-leaved	—	June	P.L.	D.S.
	ciliata.	Fringed-leaved	Cut:	May	S.L.	Ora: —
	cinerea.	Grey	—	Sept:	—	—
	conacea.	Cone-shaped	—	—	—	—
	concolor.	Self-colored	—	Apr:	—	—
	conifera.	Cone-bearing	—	May	—	—
	Conocarpa.	Cripple Boom	Seed	Oct:	S.L.	D.S.
	contorta.	Contort-leaved	Cut:	May	—	Ora: —
	cordata.	Heart-leaved	Seed	—	—	D.S.
	coronaria.	Crown-flowered	—	June	—	—
	cucullata.	Hooded	—	May	—	Ora: —
	declinata.	Drooping	Cut:	—	—	—
	decora.	Handsome	—	—	—	—
	densa.	Close-leaved	—	—	—	—
	divaricata.	Straddling	—	—	—	—
	erecta.	Upright	—	—	—	—
	flavescens.	Yellowish	Lay:	June	—	—
	formosa.	Coronet	Seed	—	P.L.	D.S.
	glabra.	Smooth	Cut:	May	S.L.	Ora: —
	glauca.	Sea-green	—	Apr:	—	—
	globosa.	Globe-flowered	Lay:	July	—	—
	glutinosa.	Slimy-flowered	—	—	—	—
	grandiflora.	Large-flowered	Seed	June	P.L.	D.S.
	grandis.	Large-leaved	—	July	—	—
	hirta.	Hairy	Cut:	—	S.L.	Ora: —
	hirtella.	Small Hairy	—	—	—	—
	Hypophylla.	Trid-leaved	Seed	Oct:	P.L.	D.S.
	imbricata.	Imbricated	—	June	—	—
	incana.	Whitened	—	—	—	—
	lanceolata.	Lance-leaved	—	May	S.L.	Ora: —
	Lepidocarpa.	Long Spatula-lvd:	—	June	—	—
	leucantha.	White-flowered	—	Aug:	—	—
	longifolia alba.	Long-lvd: White	—	June	—	—
	longifolia nigra.	Long-lvd: Black	—	—	—	—
	magnifica.	Magnificent	—	Aug:	—	—

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
PROTEA,	PROTEA.	4. 1.					
mollis.	Soft-leaved	Cut:	May	S.L.	Ora:	C.G.H.	
mollissima.	Softest-leaved	_____	_____	_____	_____	_____	_____
obliqua.	Oblique-leaved	_____	_____	_____	_____	_____	_____
obovata.	Obovate-leaved	Seed	July	P.L.	D.S.	_____	_____
ovata.	Oval-leaved	Cut:	_____	_____	_____	_____	_____
pallens.	Pale-flowered	_____	Apr:	S.L.	Ora:	_____	_____
patens.	Spreading	_____	Mar:	_____	_____	_____	_____
plumosa.	Feathery	Seed	Aug:	_____	D.S.	_____	_____
procumbens.	Procumbent	Cut:	May	_____	Ora:	_____	_____
prolifera.	Proliferous	_____	_____	_____	_____	_____	_____
pubera.	Pubescent	_____	_____	_____	_____	_____	_____
pulchella.	Dwarf Shewy	Lay:	July	_____	_____	_____	_____
reflexa.	Reflexed-leaved	Seed	May	_____	_____	_____	_____
repens.	Creeping	Cut:	Mar:	_____	_____	_____	_____
saligna.	Willow-leaved	Lay:	June	_____	_____	_____	_____
sericea.	Silky	Cut:	_____	_____	_____	_____	_____
— erecta.	— Upright var:	_____	_____	_____	_____	_____	_____
setacea.	Bristly	Seed	_____	P.L.	D.S.	_____	_____
speciosa alba.	Shewy White	_____	Aug:	S.L.	Ora:	_____	_____
— nigra.	— Black	_____	_____	_____	_____	_____	_____
— rufa.	— Red	_____	_____	_____	_____	_____	_____
— latifolia.	— Broad-leaved	_____	_____	_____	_____	_____	_____
— undulata.	— Waved-leaved	_____	_____	_____	_____	_____	_____
spiralis.	Spiral-leaved	Cut:	May	_____	_____	_____	_____
strobilina.	Long-coned	_____	June	_____	_____	_____	_____
tenella.	Small-leaved	_____	Apr:	_____	_____	_____	_____
tenera.	Weak-leaved	_____	_____	_____	_____	_____	_____
tomentosa.	Downy	Seed	Sept:	P.L.	D.S.	_____	_____
totta.	Smooth-bracted	_____	Aug:	_____	_____	_____	_____
tridentata.	Three-tooth'd-lvd:	_____	_____	_____	_____	_____	_____
villosa.	Villous	Cut:	May	S.P.	Ora:	_____	_____
viscosa.	Clammy	_____	June	_____	_____	_____	_____
<i>With Pinnate filiform Leaves.</i>							
argentiflora.	Silvery-flowered	Seed	May	P.L.	D.S.	_____	_____
bipinnata.	Doubly-pinnate	_____	_____	_____	_____	_____	_____
crithmifolia.	Samphire-leaved	_____	June	_____	_____	_____	_____
cyanooides.	Trifid-leaved	_____	July	_____	_____	_____	_____
decumbens.	Slender-stem'd	_____	_____	_____	_____	_____	_____
florida.	Florid	_____	_____	_____	_____	_____	_____
glomerata.	Many-headed	_____	May	_____	_____	_____	_____
Lagopus.	Woolly-headed	_____	Aug:	_____	_____	_____	_____
phylicoides.	Phylica-flowered	_____	_____	_____	_____	_____	_____
pinnata.	Winged-leaved	_____	_____	_____	_____	_____	_____
Sceptrum.	Various-leaved	Seed	May	P.L.	D.S.	_____	_____
Serraria.	Cut-leaved	_____	June	_____	_____	_____	_____
sphærocephala.	Globe-headed	_____	Aug:	_____	_____	_____	_____
spicata.	Spike-flowered	_____	_____	_____	_____	_____	_____
triternata.	Cluster-flowered	_____	June	_____	_____	_____	_____
<i>With Dagger-shaped and Spatula-shaped Leaves.</i>							
acuminata.	Pointed-leaved	Cut:	Sept:	S.L.	D.S.	_____	_____
attenuata.	Tapered-leaved	_____	_____	_____	_____	_____	_____

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
		4. 1.					
PROTEA,	PROTEA.	Cut:	Oct:	S.L.	D.S.	C.G.H.	
humiflora.	Grand-flowering	—	Aug:	—	Ora:	—	—
Levisanus.	Short-leaved	—	—	—	—	—	—
linearis.	Linear	—	—	—	—	—	—
mellifera alba.	Honey-bearing White	Seed	Mar:	—	—	—	—
— rubra.	— Red	—	—	—	—	—	—
mucronifolia.	Dagger-leaved	Cut:	July	—	D.S.	—	—
Scolymus.	Thistle-flowered	—	—	—	—	—	—
spathulata.	Spatula-leaved	—	Aug:	—	Ora:	—	—
virgata.	Twiggy	—	Oct:	—	D.S.	—	—
umbellata.	Umbel-flowered	—	Aug:	—	—	—	—
<i>With filiform Awl-shaped Leaves.</i>							
abietina.	Fir-like	Cut:	July	S.L.	Ora:	—	—
acerosa.	Awl-leaved	—	Aug:	—	D.S.	—	—
acutifolia.	Needle-leaved	—	June	—	—	—	—
bracteata.	Bracteated	Seed	—	—	—	—	—
corymbosa.	Bunch-flowered	Cut:	—	—	Ora:	—	—
ericoides.	Heath-like	—	—	—	—	—	—
incurva.	Incurved-leaved	Seed	May	—	—	—	—
micrantha.	Small-flowered	—	—	—	—	—	—
pinifolia.	Pine-leaved	Cut:	July	—	D.S.	—	—
purpurea.	Purple	—	Oct:	—	—	—	—
<i>Nearly Stemless Dwarf.</i>							
acaulis.	Stemless	Seed	Aug:	S.L.	D.S.	—	—
— latifolia.	— Broad var:	—	—	—	—	—	—
asplenifolia.	Fern-leaved	—	May	—	—	—	—
brassicæfolia.	Cabbage-leaved	—	Sept:	—	—	—	—
cæspitosa.	Cushion-flowered	—	May	—	—	—	—
carinata.	Keel-leaved	—	Nov:	—	—	—	—
cynaroides.	Artichoke-flowd:	Cut:	Mar:	—	—	—	—
glaucophylla.	Sea-green-leaved	—	Sept:	—	—	—	—
graminea.	Grass-leaved	—	—	—	—	—	—
humilis.	Tree-growing	Seed	Aug:	—	—	—	—
lingueformis.	Tongue-leaved	—	Sept:	—	—	—	—
radula major.	Rasp-leaved	—	—	—	—	—	—
— minor.	— Small var:	—	—	—	—	—	—
scolopendrium.	Hart's-tongue-lyd:	—	May	—	—	—	—
staticifolia.	Thrift-leaved	—	Aug:	—	—	—	—
subacaulis.	Dwarf	—	Sept:	—	—	—	—
PSORALEA,	PSORALEA.	17. 4.					
aculeata.	Prickly-leaved	Cut:	July	P.L.	Con:	C.G.H.	
aphylla.	Leafless	Seed	July	—	—	—	—
bituminosa.	Bitumenous	Cut:	June	—	Ora:	S. Eu.	
bracteata.	Oval-spiked	Seed	—	—	—	C.G.H.	
capitata.	Headed	—	—	—	—	—	—
decumbens.	Decumbent	—	May	—	—	—	—
glandulosa.	Striped-flowered	Cut:	July	—	—	Peru.	
hirta.	Hairy	—	June	—	—	C.G.H.	
pinnata.	Winged-leaved	—	—	—	Con:	—	
spicata.	Spike-flowered	—	—	—	Ora:	—	
tenuifolia.	Narrow-leaved	—	—	—	—	—	

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
PTERONIA , camphorata. oppositifolia. stricta.	PTERONIA . Aromatic Forked Cluster-flowered	19. 1.	Cut:	July	P.L.	Ora:	C.G.H.
PULTENÆA , daphnoides. flexilis. linophylla. obcordata. retusa. stipularis. stricta. vestita. villosa.	PULTENÆA . Daphne-like Shining-leaved Flax-leaved Inversely Heart-lvd: Blunt-leaved Hairy-stipuled Upright Awned Villous	10. 1.	Cut:	June	S.P.	Con:	N. Hol.
PUNICA , nana.	POMEGRANATE . Dwarf	12. 1.	Cut:	July	R.M.	Con:	W. Ind.
PYRUS , indica.	PYRUS . Chinese	12. 4.	Cut:	July	P.L.	Sin:	China.
REAUMURIA , hypericoides.	REAUMURIA . Hypericum-like	13. 5.	Lay:	Sept:	P.L.	Con:	Syria.
RELHANIA , squarrosa.	RELHANIA . Cross-leaved	19. 2.	Cut:	May	P.L.	Ora:	C.G.H.
RHAMNUS , balearicus. capensis. crenulatus. glandulosus. lycioides. olcoides. Theezans. valentinus.	BUCK THORN . Minorca Cape Teneriffe Madeira Lycium-like Olive-like Chinese Valentia	5. 1.	Lay:	Apr:	P.L.	Ora:	Minorca.
RHUS , angustifolium. dentatum. incisum. lævigatum. lucidum major. — minor. pubescens. semialatum. succedaneum. tomentosum. villosum. viminalis.	RHUS or SUMACH . Narrow-leaved Toothed-leaved Cut-leaved Smooth Shining-leaved — Small var: Dowhy Service-leaved Red Lac Woolly-leaved Hairy Willow-leaved	5. 3.	Cut:	June	P.L.	Ora:	C.G.H.
ROELLA , ciliata. — squarrosa.	ROELLA . Fringed Trailing	5. 1.	Seed	July	S.P.	D.S.	C.G.H.
ROSA , berberifolia. Laurenceana. Sinica. suaveolens. subalba.	ROSE . Barberry-leaved Miss Laurence's Three-lvd: China Tea-scented Nearly White	12. 5.	Gra:	June	R.M.	D.S.	Egypt.
			Cut:	July	P.L.	Sin:	India.
			Lay:				China.
			Cut:	Aug:			

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
ROYENA,	ROYENA.	10. 2.					
angustifolia.	Willow-leaved	Cut:	July	P.L.	Ora:	C.G.H.	
hirsuta.	Hairy-leaved	—	—	—	—	—	—
lucida.	Shining-leaved	—	May	—	—	—	—
media.	Bastard	—	July	—	—	—	—
myrtifolia.	Myrtle-leaved	—	Sept:	—	—	—	—
— obtusa.	— Blant-ended	—	—	—	—	—	—
pallens.	Pale	—	July	—	—	—	—
polyandra.	Oval-leaved	—	—	—	—	—	—
villosa.	Heart-leaved	—	—	—	—	—	—
RUMEX,	SORREL.	10. 3.					
arifolius.	Halbert-leaved	Seed Feb:	S.L.	Ora:	Africa.		
Lunaria.	Tree	—	June	—	Canaries.		
RUTA,	RUE.	10. 1.					
chalepensis.	African	Cut:	July	R.M.	Ora:	Levant.	
— angustifolia.	— Narrow-leaved	—	—	—	—	—	—
linifolia.	Flax-leaved	—	—	—	—	Spain.	
pinnata.	Winged-leaved	—	May	—	—	Canaries.	
SALVIA,	SAGE.	2. 1.					
africana.	African Blue	Cut:	May	P.L.	Ora:	C.G.H.	
aurea.	Golden-flowered	—	July	—	—	—	—
aurita.	Ear-leaved	—	June	—	—	—	—
canariensis.	Canary	—	Aug:	—	—	Canaries.	
Chamaedryoides.	Germander-like	—	—	—	Con:	Mexico.	
b. coccinea.	Scarlet	—	July	—	—	Florida.	
dentata.	Toothed-leaved	—	Jan:	—	Ora:	C.G.H.	
formosa.	Peruvian	—	Aug:	—	Con:	Peru.	
mexicana.	Mexican	—	July	—	Ora:	Mexico.	
paniculata.	Panicled	—	—	—	—	C.G.H.	
pomifera.	Apple-bearing	—	—	—	—	Egypt.	
rugosa.	Winged-leaved	—	—	—	—	C.G.H.	
scabra.	Rough-leaved	—	—	—	—	—	—
syriaca.	Syrian	—	June	—	—	Levant.	
SATUREJA,	SAVORY.	14. 1.					
Thymbra.	Whorl-flowered	Cut:	July	R.M.	Ora:	Candia.	
viminea.	Pennyroyal Tree.	—	—	—	D.S.	Jamaica.	
SCABIOSA,	SCABIOUS.	4. 1.					
africana.	African	Seed Aug:	P.L.	Ora:	C.G.H.		
cretica.	Cretan	—	—	—	—	Candia.	
rigida.	Rough-leaved	—	July	—	—	C.G.H.	
SCÆVOLA,	SCÆVOLA.	5. 1.					
crassifolia.	Thick-leaved	Cut:	Aug:	S.P.	Con:	N. Hol.	
SCHINUS,	SCHINUS.	22. 7.					
dependens.	Entire-leaved	Cut:	June	P.L.	Ora:	Chili.	
dentata.	Toothed-leaved	Lay:	July	R.M.	Con:	Peru.	
Molle.	Winged-leaved	—	Aug:	—	—	Sand. Isle	
SCHOTIA,	SCHOTIA.	10. 1.					
speciosa.	Scarlet-flowered	Lay:	Sept:	R.M.D.S.	C.G.H.		
tamarindifolia.	Tamarind-leaved	—	Aug:	—	—	—	
SCHLEROHAMNUS	SCHLEROHAMNUS.	10. 1.					
microphyllus.	Small-leaved	Cut:	May	S.P.	D.S.	N. Hol.	
SCOTTIA,	SCOTTIA.	17. 4.					
dentata.	Toothed-leaved	Cut:	July	S.P.	D.S.	N. Hol.	

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
SELAGO,	SELAGO.	14. 1.					
corymbosa.	Fine-leaved	Cut:	Aug:	P.L.	Ora:	C.G.H.	
b. fasciculata.	Cluster-flowered	Seed	—	—	—	—	—
ovata.	Oval-headed	Cut:	—	—	D.S.	—	—
b. spuria.	Linear-leaved	Seed	—	—	Ora:	—	—
SENECIO,	GROUNDSEL.	19. 2.					
asper.	Stiff-leaved	Cut:	Aug:	P.L.	Ora:	C.G.H.	
cinerascens.	Grey	—	—	—	—	—	—
lancens.	Spear-leaved	—	—	—	—	—	—
longifolius.	Long-leaved	—	—	—	—	—	—
b. venustus.	Winged-leaved	—	July	—	—	—	—
SERISSA,	SERISSA.	5. 1.					
fœtida.	Japan	Lay:	July	R.M.	Con:	Japan.	
— flo: pleno	— Double	—	—	—	—	—	—
SIDERITIS,	IRON-WORT.	14. 1.					
canariensis.	Canary	Cut:	June	R.M.	Ora:	Canaries.	
candicans.	Mullein-leaved	—	May.	—	—	Madeira.	
syriaca.	Syrian	—	Aug:	—	—	Levant.	
SIDEROXYLON,	IRONWOOD.	5. 1.					
t. inerme.	Smooth	Lay:	July	P.L.	Con:	C.G.H.	
— melanophelos.	Laurel-leaved	—	—	—	—	—	—
sericeum.	Silky-leaved	Cut:	—	—	Ora:	N. Hol.	
spinosum.	Thorny	—	—	—	—	Morocco.	
tenax.	Silvery-leaved	—	—	—	—	Carolina.	
SINAPIS,	MUSTARD.	15. 2.					
frutescens.	Shrubby	Cut:	Apr:	P.L.	Ora:	Madeira.	
millefolium.	Fine-leaved	—	—	—	—	Canaries.	
SOLANUM,	NIGHTSHADE.	5. 1.					
Campechiense.	Purple-spined	Cut:	Aug:	S.P.	Ora:	S. Am.	
igneum.	Red-spined	—	June	—	—	—	—
laciniatum.	Cut-leaved	Seed	July	—	—	N. Hol.	
macrocarpum.	Large-fruited	Cut:	—	—	—	Peru.	
marginatum.	White-edged	—	—	—	—	Africa.	
Pseu:-Capsicum.	Shrubby	Seed	June	R.M.	—	Madeira.	
pyracantha.	Orange-spined	Cut:	Aug:	—	—	Madagas.	
quercifolium.	Oak-leaved	—	—	—	—	Peru.	
sodomeum.	Black-spined	Seed	June	P.L.	—	Africa.	
tomentosum.	Woolly-leaved	Cut:	—	—	—	C.G.H.	
SONCHUS,	SOW-THISTLE.	19. 1.					
fruticosus.	Shrubby	Seed	May	P.L.	Ora.	Madeira.	
SOPHORA,	SOPHORA.	10. 1.					
t. capensis.	Cape	Seed	June	P.L.	Con:	C.G.H.	
SPARRMANNIA,	SPARRMANNIA.	13. 1.					
africana.	African	Cut:	May	P.L.	Con:	C.G.H.	
SPARTIUM,	BROOM.	17. 4.					
argenteum.	Silvery	Seed	May	P.L.	Ora:	Canaries.	
contaminatum.	Narrow-leaved	—	—	—	—	C.G.H.	
ferox.	Strong-spined	Cut:	June	—	—	Barbary.	
linifolium.	Flax-leaved	—	—	—	—	Spain.	
monospermum.	Single-seeded	Seed	July	—	—	S. Eu.	
nubigenum.	Cluster-leaved	Cut:	—	—	—	Teneriffe.	
sericeum.	Silky	—	May	—	—	C.G.H.	

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
SPARTIUM,	BROOM.	17. 4.					
sphaerocarpum.	Yellow Sgl:seeded		Seed	June	P.L.	Ora:	S. Ea.
spinosum.	Spiny		Cut:	—	—	—	—
virgatum.	Long-twigged		—	May	—	—	Madeira.
umbellatum.	Umbelled		—	July	—	—	Barbary.
SPHÆROLOBIUM,	SPHÆROLOBIUM.	10. 1.					
medium.	Red-flowered		Seed	June	S.P.	Ora:	N. Hol.
vimineum.	Yellow-flowered		—	—	—	—	—
SPRENGELIA,	SPRENGELIA.	5. 1.					
incarnata.	Flesh-colored		Cut:	June	S.P.	D.S.	N. Hol.
STACHYS,	STACHYS.	14. 1.					
rugosa.	Rough		Cut:	Aug:	P.L.	Ora:	C.G.H.
STÆHELINA,	STÆHELINA.	19. 1.					
arborescens.	Storax-leaved		Cut:	July	P.L.	Ora:	Candia.
Chamaepence.	Pine-leaved		—	June	—	—	S. Ea.
dubia.	Rosemary-leaved		—	—	—	—	—
STATICE,	THRIFT.	5. 5.					
monopetala.	Sicilian		Cut:	July	R.M.	Ora:	Sicily.
suffruticosa.	Shrubby		—	May	—	—	Siberia.
STENOCHYLUS,	STENOCHYLUS.	14. 2.					
glaber.	Smooth		Cut:	June	S.P.	Ora:	N. Hol.
STOEBE,	STOEBE.	19. 5.					
Æthiopica.	Juniper-leaved		Cut:	Aug:	P.L.	Ora:	C.G.H.
cineria.	Heath-leaved		—	—	—	—	—
STRUTHIOLA,	STRUTHIOLA.	4. 1.					
ciliata.	Fringed-leaved		Cut:	May	S.P.	Hth:	C.G.H.
— flo: rub:	— Red-flow: var:		—	Apr:	—	—	—
erecta.	Erect		—	July	—	—	—
glauca.	Sea-green-leaved		—	May	—	—	—
imbricata.	Tiled-leaved		—	—	—	—	—
ovata.	Oval-leaved		—	Ang:	—	—	—
pubescens.	Long-tubed		—	—	—	—	—
tomentosa	Downy-leaved		—	—	—	—	—
virgata.	Twiggy		—	—	—	—	—
STYLIDIUM,	STYLIDIUM.	20. 2.					
fruticosum.	Shrubby		Seed	Aug:	S.P.	D.S.	N. Hol.
STYPHELIA,	STYPHELIA.	5. 1.					
parviflora.	Small-flowered		Cut:	June	S.P.	D.S.	N. Hol.
pinifolia.	Pine-leaved		—	Sept:	—	—	—
procumbens.	Dwarf		Seed	Aug:	—	—	—
triflora.	Three-flowered		—	June	—	—	—
tubiflora.	Tube-flowered		—	—	—	—	—
viridis.	Green-flowered		Cut:	—	—	—	—
SWAINSONA,	SWAINSONA.	17. 4.					
coronillæfolia.	Purple-flowered		Seed	July	S.P.	Con:	N. Hol.
galegifolia.	Goat's-rue-leaved		—	—	—	—	—
— fol: albo:	— White var:		—	—	—	—	—
TANACETUM,	TANSY.	19. 2.					
flabellifolium.	Fan-leaved		Cut:	June	P.L.	Ora:	C.G.H.
linifolium.	Flax-leaved		—	July	—	—	—
suffruticosum.	Shrubby		—	—	—	—	—

			Cl. Or. Prop. Flow. Soil. House. Country.
TARCONANTHUS,	AFRICAN FLEABANE.	19.1.	
— camphoratus.	Shrubby	Cut: Aug: P.L. Ora: C.G.H.	
— ericoides.	Heath-leaved	— July — — — —	
— glaber.	Smooth	— — — — — —	
TAXUS,	YEW-TREE.	22.13.	
— elongata.	Long-leaved	Cut: July P.L. Ora: C.G.H.	
— macrophylla.	Large-leaved	— — — — — Japan.	
— nucifera.	Nut-bearing	— — — — — —	
— verticillata.	Whorl-leaved	— — — — — —	
TELOPIA,	WARRATAH.	4.1.	
— speciosissima.	Crimson-flowered	Cut: July S.P. Con: N. Hol.	
— fol: integris.	— Entire-leaved	— — — — — —	
TEMPLETONIA,	TEMPLETONIA.	17.4.	
— retusa.	Wedge-leaved	Cut: June S.P. Ora: N. Hol.	
TETRATHECA,	TETRATHECA.	8.1.	
— juncea.	Rush-like	Seed Aug: S.P. D.S. N. Hol.	
TEUCRIUM,	GERMANDER.	14.1.	
— Abutiloides.	Mulberry-leaved	Cut: May R.M. Ora: Madeira.	
— asiaticum.	Asiatic	— July — — — Asia.	
— betonicum.	Hoary	— June — — — Madeira.	
— flavum.	Yellow-flowered	— — — — — S. Eu.	
— fruticans.	Shrubby	— July — — — Spain.	
— heterophyllum.	Various-leaved	— June — — — Madeira.	
— latifolium.	Broad-leaved	— July — — — Spain.	
— Marum.	Cat Thyme.	— Aug: — — — —	
— fol: varieg.	— Striped-leaved	— — — — — —	
— massiliense.	Sweet-scented	— June — — — S. France.	
— Polium.	White Poley.	— Aug: — — — S. Eu.	
— regium.	Royal	— — — — — Spain.	
— trifidum.	Trifid-leaved	— July — — — C.G.H.	
THUJA,	ARBOR VITÆ.	21.8.	
— cupressioides.	African	Seed May P.L. Ora: C.G.H.	
TRACHELIUM,	THROAT-WORT.	5.1.	
— coeruleum.	Blue	Seed Aug: R.M. Ora: Italy.	
— diffusum.	Shrubby	Cut: July — — — C.G.H.	
TRISTANIA,	TRISTANIA.	18.3.	
— conferta.	Broad-leaved	Cut: Aug: S.P. Con: N. Hol.	
— laurina.	Laurel-leaved	— — — — — —	
— nerifolia.	Oleander-leaved	— — — — — —	
VACCINUM,	WHORTLEBERRY.	8.1.	
— meridionale.	Jamaica	Lay: July P.L. Ora: Jamaica.	
VERBENA,	VERVAIN.	14.2.	
— triphylla.	Three-leaved	Cut: June R.M. Ora: Chili.	
VERONICA,	SPEEDWELL.	2.1.	
— decussata.	Cross-leaved	Cut: Aug: R.M. Ora: Falk. Isle	
VIBURNUM,	VIBURNUM.	5.1.	
— laurifolium.	Laurel-leaved	Lay: Aug: P.L. Sin: China.	
— macrophyllum.	Large-leaved	— — — — — Ora: Asia.	
VIMINARIA,	VIMINARIA.	10.1.	
— denudata.	Naked-stalked	Seed June S.P. Con: N. Hol.	
VIOLA,	VIOLET.	19.6.	
— arborescens.	Shrubby	Lay: May R.M. Ora: Spain.	

		Cl. Gr.	Prop.	Flow.	Soil.	House.	Country.
VITEX, <i>incisa</i> .	CHASTE TREE.	14. 2.					
ULMUS, <i>pumila</i> .	Cut-leaved		Cut:	Sept:	P.L.	Ora:	China.
URENA, <i>lobata</i> .	ELM.	5. 2.	Lay:	—	P.L.	Ora:	Chind.
URTICA, <i>nivea</i> .	Dwarf	16. 7.	Cut:	June	P.L.	Con:	China.
WESTRINGIA, <i>rosmarinacea</i> .	URENA.	21. 4.	Cut:	Oct:	P.L.	Sin:	China.
<i>Dampieri</i> .	Angular-leaved	14. 1.	Cut:	June	S.P.	Con:	N. Hol.
XERANTHEMUM; <i>aureum</i> .	NETTLE.	19. 2.	—	May	—	Ora:	—
<i>canescens</i> .	Chinese		Seed	June	S.P.	D.S.	C.G.H.
<i>fasciculatum</i> .	EVERLASTING.		Cut:	Aug:	—	—	—
— <i>album</i> .	Golden-flowered		Seed	July	—	—	—
— <i>luteum</i> .	Whitened		—	—	—	—	—
<i>filiforme</i> .	Bundle-leaved		—	—	—	—	—
b. <i>fulgidum</i> .	— White var:		Cut:	—	—	—	—
<i>proliferum</i> .	— Yellow var:		Seed	—	—	Ora:	—
<i>retortum</i> .	Thread-leaved		Cut:	Aug:	—	—	—
<i>sesamoides</i> .	Great Yellow		—	—	—	D.S.	—
— <i>roscum</i> .	Proliferous		Seed	July	—	—	—
<i>speciocissimum</i> .	Trailing		—	—	—	—	—
<i>spirale</i> .	Superb		—	May	—	—	—
<i>splendens</i> .	— Rose-color var:		Seed	July	—	—	—
<i>Stahelinum</i> .	Shewy		—	—	—	—	—
<i>variegatum</i> .	Spiral-leaved		—	—	—	—	—
<i>vestitum</i> .	Splendid		—	—	—	—	—
f. <i>XYLOMELUM</i> ,	Thick Woolly-lvd:		—	Oct:	—	Ora:	—
<i>pyriforme</i> .	Variegated		—	July	—	D.S.	—
ZIERIA,	Upright		—	Aug:	—	—	—
<i>Smithii</i> .	XYLOMELUM.	4. 1.	Seed	—	S.P.	Con:	N. Hol.
ZYGOPHYLLUM,	Wooden Pear-Tree.	4. 1.	Cut:	June	S.P.	Ora:	N. Hol.
<i>cordifolium</i> .	ZIERIA.	10. 1.	Cut:	July	R.M.	Ora:	C.G.H.
<i>insuave</i> .	Dr. Sir J. Smith's		—	May	—	—	—
<i>maculatum</i> .	BEAN CAPER.		—	Sept:	—	—	—
<i>microphyllum</i> .	Heart-leaved		—	—	—	—	—
<i>Morgsana</i> .	Unpleasant-smelg:		—	—	—	—	—
<i>sessilifolium</i> .	Spotted-flowered		—	—	—	—	—
	Small-leaved		—	—	—	—	—
	Four-leaved		—	July	—	—	—
	Sessile-leaved		—	—	—	—	—

CLIMBING GREENHOUSE PLANTS.

DIVISION II.—SECTION II.

		U. Gt. Prop. Flow. Soil. House. Country.	
ARISTOLOCHIA,	BIRTHWORT.	20. 3.	
glauca.	Sea-green-leaved	Cut: July P.L. Con: Barbary.	
sempervirens.	Evergreen	May ———— Condit.	
ADOLEPHIA,	SWALLOW-WORT.	5. 2.	
carnosa.	Fleshy-leaved	Lay: June R.M.D.S. China.	
scandens.	Climbing	Out: July ———— S. Afr.	
ASPARGUS,	ASPARGUS.	4. 1.	
sarmentosus.	Linear-leaved	Root Aug: R.M. Con: Capen.	
BRONNIA,	TRUMPET-FLOWER.	14. 2.	
grandiflora.	Large-flowered	Cut: July R.M. Con: China.	
pandora.	Norfolk Island	June S.P. ———— N. Hol.	
BILLARDIERA,	BILLARDIERA.	5. 1.	
melocarp.	Black-berried	Seed July S.P. Con: N. Hol.	
mutabilis.	Changeable-flowd:	—————	
scandens.	Climbing	—————	
BRYONIA,	BRYONIA.	21. 8.	
dissecta.	Smooth-leaved	Cut: July P.L. Con: G.G.H.	
grandia.	Great-flowered	June ———— E. Ind.	
scabra.	Globe-fruited	Sept: ———— G.G.H.	
CAPPARIS,	CAPER BUSH.	13. 1.	
spinosa.	Common	Cut: July R.M.D.S. S. Afr.	
CISSAMPLOS,	CISSAMPELOS.	22. 13.	
capensis.	Cape	Root July P.L. Ora: G.G.H.	
smilacina.	Smilax-leaved	————— Carolina.	
CROTON,	CROTON.	4. 1.	
antartica.	Kangaroo Vine	Cut: July S.P. Ora: N. Hol.	
capensis.	Cape	————— G.G.H.	
pentaphylla.	Five-leaved	Aug: ———— Japan.	
quinata.	Wedge-leaved	July ———— G.G.H.	
CLEMATIS,	CLEMATIS.	15. 6.	
capensis.	Cape	Lay: June P.L. Con: G.G.H.	
COSSEA,	COSSEA.	5. 1.	
scandens.	Climbing	Seed July P.L. Sin: Mexico.	
CONVOLVUTUS,	BINDWEED.	5. 1.	
bryoniaefolius.	Bryony-leaved	Root July P.L. Sin: China.	
canariensis.	Canary	Cut: June ———— Con: Canaries.	
erubescens.	Maiden-blush	Seed Aug: S.P. D.S. N. Hol.	
pannifolius.	Cloth-leaved	Cut: ———— P.L. Con: Canaries.	
saxatilis.	Rock	—————	
CYNANCHUM,	CYNANCHUM.	5. 2.	
viminale.	Naked-stalked	Cut: June S.P. D.S. C.G.H.	
DECUMARIA,	DECUMARIA.	11. 1.	
sarmentosa.	Creeping	Lay: ———— P.L. Con: Carolina.	
DOLICHOS,	DOLICHOS.	17. 4.	
lignosus.	Purple-flowering	Seed Aug: P.L. Con: C.G.H.	
GELSEMIUM,	GELSEMIUM.	5. 1.	
* sempervirens.	Evergreen Sweet	Cut: July S.P. D.S. Carolina.	

CLIMBING GREENHOUSE PLANTS.—Second Division, Sec. 2. 163

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
GERANIUM, longicaule. petatum.	GERANIUM. Long-stemmed Ivy-leaved	16. 4.	Root July	R.M.	Ora:	C. G. H.	
HIBBERTIA, grosulariifolia. lanceolata. volubilis.	HIBBERTIA. Gooseberry Lance-leaved Climbing	13. 3.	Cut: June	S.P.	D.S.	N. Hol.	
JASMINE, azoricum. gracile. grandiflorum. heterophyllum. revolutum. undulatum.	JASMINE. Asorian Slender-stemmed Catalonian Various-leaved Reflexed-petalled Waved-leaved	2. 1.	Cut: Oct;	R.M.	Con:	Asses. N. Hol. E. Ind. China. E. Ind.	
KENNEDIA, angustifolia. bimaenulata. coccinea. comptoniana. inconspicua. monophylla. rubicunda. — major.	KENNEDIA. Narrow-leaved Two-spotted-flowed: Scarlet Lady Northampton's Smallest-flowered One-leaved Dingy-flowered — Large-ld: var;	17. 4.	Seed Sept:	S.P.	Con:	N. Hol.	
LOMBERIA, japonica.	HONEY-SUCKLE. Japan	3. 1.	Lay: Sept:	P. L.	Sin:	China.	
MEDEOLA, asparagoides. — angustifolia.	MEDEOLA. Broad-leaved — Narrow var;	6. 8.	Root Mar:	R.M.	Ora:	C. G. H.	
PASSIFLORA, aurantiaca. incarnata.	PASSION-FLOWER. Golden-flowered Rose-color-flowed:	16. 2.	Cut: July	S.P.	D.S.	Nor. Isle. N. Am.	
PERIPLOCA, africana. hervigata.	PERIPLOCA. Hairy Smooth	5. 2.	Cut: July	P. L.	Con:	C. G. H. Canaries.	
PHASEOLUS, Caracalla.	KIDNEY-BEAN. Snail-flower.	17. 4.	Seed Aug:	R.M.	Con:	Spain.	
POEONIA, debilis.	POEONIA. Weak-stemmed	4. 1.	Cut: Sept:	S.P.	Con:	N. Hol.	
PSORALEA, palestina.	PSORALEA. Palestine	17. 4.	Seed June	P. L.	Ora:	Leant.	
RUSCUS, androgynus.	BURCHER'S BROOM. Alexandrian Laurel.	22. 13.	Root July	P. L.	Con:	Sicily.	
SCHISANDRA, coccinea.	SCHISANDRA. Scarlet-flowered	21. 5.	Lay: July	S.P.	D.S.	N. Am.	
SMILAX, Pseudo-china. purpurata. Ripogonum.	SMILAX. Bartard Chindes Sweet Tea Shining-leaved	22. 6.	Cut: Nov:	P. L.	D.S.	China. N. Hol. N. Zeal.	
TAMUS, Elephantipes.	BLACK BRYONY. Elephant's-foot	22. 5.	Root Aug:	P. L.	D.S.	C. G. H.	
USTERIA, persuata. scandens.	USTERIA. Snapdragon-flowed: Climbing	14. 2.	Seed July	P. L.	Con:	Mexico.	

SUCCULENT GREENHOUSE PLANTS.

As the treatment of Succulents should be different from other Green-house Plants, they must be kept apart, upon shelves as near the light as possible, (except where a house is entirely dedicated to them), that they may receive but little watering, and never over their heads, through the winter months; although, in summer, they will bear an equal quantity with the rest. Some being much more delicate than others, though from the same country, must be protected in the Dry-Stove; and others, as well as those from within the Tropics, requiring the Hothouse, are arranged in the Third Division.

A Sandy Loam is directed as the soil for these plants in general; I wish it to be understood as a light fresh hazel loam, with much sand or even small pebbles intermixed—the more sandy the better, and not sifted; to this may be added, about a third of rich garden mould, and for the more succulent and dwarf sorts, about an eighth part of old lime rubbish.

Few of these plants require removing from their pots (which should be much smaller, proportionately, than for other plants) oftener than once in two or three years—especially the larger sorts; but the surface should be taken off; and fresh added, every year. The greatest injury these plants have to be guarded against, is damps in winter; therefore, they should be frequently looked over, and all decayed parts removed, particularly from those which are stemless, and when the leaves touch the earth.

DIVISION II.—SECTION III.

			Cl. Or. Prop. Flow. Soil. House. Country.
AGAVE,	AGAVE.	6. 1.	
americana.	American	Seed July	R.M. Ora: S. Am.
— foliis varieg.	— Striped-leaved	—	—
angustifolia.	Narrow-leaved	—	—
virginica.	Virginian	— Sept:	— D.S. N. Am.
AIZOON,	AIZOON.	12. 4.	
b. canariense.	Purslane leaved	Seed Aug:	R.M. Ora: Canaria.
Glinoides.	Hairy-leaved	Cut: July	— C.G.H.
b. lanceolatum.	Panicle-flowered	Seed Aug:	—
ALOE,	ALOE.	6. 1.	
africana.	Sword leaved	Suc: July	S.L. Ora: C.G.H.
albicans.	Whitish-edged	— Aug:	— D.S.
albiapina.	White-spined	Leav:	—
arachnoides.	Cob-web	— June	—
— minor.	— Small var.	—	—
arborescens.	Tree aspiring	Cut: Oct:	— Ora: —
aspera.	Rough	— Aug:	— D.S.
brevifolia.	Short-leaved	— July	— Ora: —
carinata.	Keel-leaved	Leav:	—

SUCCULENT GREENHOUSE PLANTS.—Second Division, Sec. 3. 165

Cl. Or. Prop. Flow. Soil. House. Country.
6. 1.

ALOE,	ALOE.	Suc:	Aug:	S.L.	D.S.	C.G.H.
cymbiformis.	Boat-leaved	Leav:	—	—	—	—
depressa.	Flattened-leaved	—	—	—	—	—
dichotoma.	Smooth-stemmed	Cut:	May	—	Ora:	—
ferox.	Great Hedgehog	—	Aug:	—	—	—
flavisпина.	Yellow-spined	—	June	—	D.S.	—
foliolosa.	Small Cluster-lyd:	Suc:	May	—	—	—
glauca.	Sea-green	—	Feb:	—	—	—
humilis.	Dwarf Hedgehog	Leav:	June	—	—	—
lingua.	Tongue	—	—	—	—	—
— nigricans.	— Dark-leaved	—	—	—	—	—
— obliqua.	— Oblique-leaved	—	—	—	—	—
maculata.	Marbled	Cut:	July	—	Ora:	—
— brevifolia.	— Short-leaved	—	—	—	—	—
margaritifera.	Pearl	Suc:	June	—	—	—
— media.	— Smaller var:	—	—	—	—	—
— minor.	— Smallest var:	—	—	—	—	—
mitriformis.	Mitre	Cut:	July	—	—	—
— minor.	— Small var:	—	—	—	—	—
pentagona.	Five-sided	Suc:	June	—	D.S.	—
perfoliata.	Perfoliate	—	—	—	—	—
picta.	Common Soap	Cut:	Sept:	—	Ora:	—
— major.	— Large var:	—	—	—	—	—
plicatilis.	Fan	—	July	—	—	—
purpurascens.	Purple	—	Sept:	—	—	—
recurva.	Recurved	—	July	—	D.S.	—
reticulata.	Netted	—	May	—	—	—
retusa.	Smooth Cushion	Suc:	June	—	—	—
rigida.	Rigid	Cut:	July	—	—	—
serrulata.	Saw-leaved	—	—	—	—	—
Soccotrina.	Soccotrine	—	Mar:	—	Ora:	—
spiralis.	Spiral	Seed	July	—	D.S.	—
— minor.	— Small var:	—	—	—	—	—
suberecta.	Smallest Hedgehog	—	Apr:	—	—	—
supralævis.	Upright Hedgehog	—	—	—	Ora:	—
tortuosa.	Twisted	—	July	—	D.S.	—
translucens.	Transparent	Leav:	June	—	—	—
triangularis.	Three-sided	Cut:	July	—	—	—
variegata.	Partridge-breast	Suc:	May	—	Ora:	—
verrucosa.	Warted	—	—	—	—	—
viscosa.	Clammy	—	July	—	D.S.	—
vulgaris.	Yellow-flowered	—	June	—	Ora:	Levant.
ANTHERICUM,	ANTHERICUM.	6. 1.				
Alooides.	Aloe-leaved	Suc:	June	S.L.	Ora:	C.G.H.
frutescens.	Shrubby	Cut:	July	—	—	—
pugioniforme.	Dagger-leaved	Suc:	May	—	—	—
revolutum.	Reflex flowered	—	Oct:	—	—	—
BRYOPHYLLUM,	BRYOPHYLLUM.	10. 5.				
calycinum.	Bladder-flowered	Leav:	June	S.L.	D.S.	Mauritius
BUONAPARTIA,	BUONAPARTIA.	6. 1.				
juncæa.	Rush-leaved	Cut:	—	S.L.	Ora:	Peru.

166 SUCCULENT GREENHOUSE PLANTS.—Second Division, Sec. 3.

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
CACALIA,		19. 1.					
Anteuphorbium.	Oval-leaved	Cut:	Apr:	S.P.	D.S.	C.G.H.	
articulata.	Jointed		Sept:		Qra:		
carnosa.	Narrow-leaved						
Ficoides.	Flat-leaved		Aug:				
Kleinia.	Oleander-leaved		Sept:			Casaries.	
papillaria.	Rough-stalked				D.S.	C.G.H.	
repens.	Creeping-rooted		Aug:		Ora:		
tomentosa.	Woolly				D.S.		
CACTUS,		12. 1.					
cochinilifer.	Cochineal Fig.	Cut:	Aug:	S.L.	D.S.	S. Am.	
cylindricus.	Rd: Torch Thistle.					Peru.	
Ficus Indica.	Whi: sp: Indian Fig.					S. Am.	
flagelliformis.	Creeping Cereus.		May			Peru.	
heptagonus.	7-sided T: Thistle.		July			W. Ind.	
Opuntia.	Com: Indian Fig.		Aug:			S. Am.	
pentagonus.	5-sided T: Thistle.		July				
peruvianus.	Peruvian T: Thistle.					Peru.	
Tuna.	Yel: sp: Indian Fig.		Aug:			S. Am.	
COTYLEDON,		10. 3.					
fascicularis.	Cluster-leaved	Cut:	July	S.L.	Ora:	C.G.H.	
hemispherica.	Thick-leaved		June				
lingueformis.	Tongue-form		July			Californ.	
oblongata.	Oblong-leaved		Aug:			C.G.H.	
orbiculata.	Round-leaved						
ovata.	Oval-leaved						
serrata.	Sawed-leaved		June			Candia.	
spuria.	Narrow-leaved		Aug:		D.S.	C.G.H.	
CRASSULA,		5. 5.					
arborescens.	Tree growing	Cut:	May	S.L.	Ora:	C.G.H.	
canescent.	Grey		Aug:				
ciliata.	Fringed						
coccinea.	Scarlet						
columnaris.	Columnar				D.S.		
cordata.	Heart-leaved		July				
cultrata.	Sharp-leaved		Aug:				
cymosa.	Bunch-flowered				Qra:		
falcata.	Sickle-leaved				D.S.		
imbricata.	Whipcord-like		June		Ora:		
lactea.	White-flowered		Feb:				
marginatis.	Dotted-edged		July				
mollis.	Soft-leaved		Aug:		D.S.		
nudicaulis.	Naked-stemmed		May				
obliqua.	Oblique-leaved						
odoratissima.	Sweet-scented				Ora:		
obvallata.	Houseleek-lyq;		July				
orbicularis.	Starry		Aug:				
pellucida.	Pellucid		July		D.S.		
perfoliata.	Perfoliate						
punctata.	Dotted-leaved		June				
ramosa.	Branching		July				
scabra.	Rough-leaved		June		Ora:		

SUCCULENT GREENHOUSE PLANTS.—*Second Division, Sec. 3.* 187

		Cl. Or. Prop. Flow. Soil. House. Country.		
b.	CRASSULA, spatulata.	CRASSULA, Spatula-leaved	3. 9.	Cut: Aug: S.L. Ora: C.G.H.
	tetragona.	Four-sided		May — D.S. —
	tomentosa.	Downy-leaved.		Sept: — — —
	undulata.	Waved-leaved		
	CRITHMUM, latifolium.	SAMPHIRE. Wedge-leaved	5. 2.	Seed Aug: R.M. D.S. Canaries.
	maritimum.	Sea		Root — — — Britain.
	DORANTHES, excelsa.	DORANTHES. Gigantic	6. 1.	Suc: Aug: S.P. D.S. N. Hol.
	EUPHORBIA, canariensis.	SPURGE. Canary	11. 3.	Cut: May S.P. D.S. Canaries.
	Caput Medusæ.	Medusa's-head		June — — — C.G.H.
	— media.	— Small var:		July — — — Africa.
	— minor.	— Least var:		
	meloformis.	Melon-shaped		
	MESEMBRYANTHEMUM, } FISH-MARYGOLD.		12. 4.	

A work on Succulent Plants, by Mr. Haworth, has this Genus, as well as the preceding Genera, perhaps, better arranged; but, as all varieties are by him considered as species, however trifling the difference, and most of the old names changed, I have thought it best to continue them under the old names and arrangement.

The Propagation of the Plants of this Genus, being nearly the same for all the species, (that is, by Cuttings,) on that column is noted by a D. those which are Dwarf or Stemless; by a C. those which creep with Stems; and by an S. those which have Stems and are Shrubby.

		Crow. Flow. Soil. House. Country.		
b.	acinaciforme.	Cimeter-leaved	8.	July S.L. Ora: C.G.H.
	aduncum.	Hooked-leaved	—	Mar: — — —
	equilaterale.	New Holland	—	June — — — N. Hol.
	albidum.	White	D.	July — — — C.G.H.
	anatomicum.	Skeleton-leaved	C.	— — — D.S.
	anceps.	Two-edged	S.	Sept: — — — Ora: — — —
	aurantium.	Orange-flowered	—	June — — —
	aureum.	Golden-flowered	—	Apr: — — —
	australe.	New Zealand	C.	May — — — N. Zeal.
	barbatum fruti.	Shrubby Bearded	S.	July — — — C.G.H.
	— humile major.	— Great Dwf. Bd:	D.	Sept: — — —
	— humile minor.	— Small Dwf. Bd:	—	— — —
	bellidiflorum.	Daisy-flowered	—	Aug: — — —
	bicolorem.	Two-colored	S.	July — — —
	brachiatum.	Three-forked	—	Aug: — — —
	brevifolium.	Short-leaved	—	— — —
	calamiforme.	Quill-shaped	D.	Oct: — — —
	— teretiusculum.	— Subcylindrical	—	— — —
	canaliculatum.	Channel-leaved	C.	Aug: — — —
	caninum.	Dog's-chaps	D.	Sept: — — — D.S.
	— vulpinum.	— Fox's-chaps	—	— — —
b.	capitatum.	Short Dagger-ld:	S.	June — — — Ora: — — —
	ciliatum.	Fringed-leaved	—	July — — —
	occineum.	Scarlet-flowered	—	Aug: — — —
	compressum.	Flattened-leaved	—	Sept: — — —

168 SUCCULENT GREENHOUSE PLANTS.—*Second Division, Sec. 2.*

Cl. Or. Grow. Flow. Soil. House. Country.

MESEMBRYANTHEMUM, }		FIG-MARYGOLD. 12. 4.	C.	Aug.	S.L.	Ora:	C.C.H.
b.	cordifolium.	Heart-leaved	—	May	—	—	—
	corniculatum.	Large-horned	—	—	—	—	—
	— minor.	— Small-horned	—	—	—	—	—
	crassifolium.	Thick-leaved	—	July	—	—	—
	curvifolium.	Curved leaved	S.	Aug:	—	—	—
	decumbens.	Decumbent	—	July	—	—	—
	deflexum.	Bending-stemmed	—	June	—	—	—
	deltoidesum.	Great Delta	D.	July	—	—	—
	— caulescens.	Small Delta	S.	—	—	—	—
	— muricatum.	Rough-Delta	D.	—	—	—	—
	denticulatum.	Toothed	—	Apr:	—	—	—
	digitatum.	Finger-shaped	D.	Sept:	—	D.S.	—
	— minor.	— Small Finger	—	—	—	—	—
	dilatatum.	Extended	C.	July	—	Ora:	—
	diversifolium.	Short-horned	D.	June	—	—	—
	dolabriforme.	Hatchet-shaped	S.	July	—	—	—
	echinatum.	Hedgehog	—	—	—	—	—
	— album.	— White var:	—	—	—	—	—
	edule.	Hottentot's Fig	—	Aug:	—	—	—
	elongatum.	Dwarf Tuberos	D.	—	—	D.S.	—
	emarginatum.	Notched Petalled	—	June	—	Ora:	—
b.	expansum.	Pale Broad-ld:	C.	July	—	D.S.	—
	falcatum.	Sickle-leaved	S.	—	—	Ora:	—
	fastigiatum.	Level-topt	—	Aug:	—	—	—
	felinum.	Cat's-chaps	D.	Sept:	—	D.S.	—
	filicaule.	Thread-stemmed	C.	July	—	Ora:	—
	filamentosum.	Thready-flowered	S.	June	—	—	—
	fissum.	Two-cleft	D.	May	—	D.S.	—
	flexuosum.	Zigzagged	S.	July	—	Ora:	—
	floribundum.	Pale Bristly	—	June	—	—	—
	foliosum.	Leafy	—	Aug:	—	—	—
	forficatum.	Forked	—	—	—	—	—
	geminatum.	Twin-leaved	D.	Aug:	—	D.S.	—
	geniculiflorum.	Joint-flowering	S.	July	—	—	—
	gibbosum.	Gouty	D.	Mar:	—	—	—
	— luteo viride.	— Yel: Green var:	—	—	—	—	—
	— perviride.	— Dark Green var:	—	—	—	—	—
	glaucum.	Sea-green-leaved	S.	June	—	Ora:	—
	glomeratum.	Cluster-leaved	—	July	—	—	—
	grossum.	Thick-stemmed	—	—	—	—	—
	Haworthii.	Haworth's	—	June	—	—	—
	heteropetalum.	Various-petalled	—	—	—	—	—
	hirtellum.	Dwarf Bristly	—	Aug:	—	—	—
	hispidum.	Purple Bristly	—	June	—	—	—
	imbricatum.	Imbricated	—	—	—	—	—
	incurvum.	Incurved	—	July	—	—	—
	inclaudens.	Not-closing	—	Sept:	—	—	—
	lacerum.	Ragged-leaved	—	June	—	—	—
	laeve.	White-wooded	—	July	—	—	—
	laevigatum.	Polished	—	June	—	—	—

SUCCULENT GREENHOUSE PLANTS.—Second Division, Sec. 3. 159

Cl. Or. Grow. Flow. Soil. House. Country.

MESEMBRYAN- THEMUM,

FIG-MART GOLD. 12.4.

		D. Nov:	S.L. Ora:	C.G.H.
linguliforme.	Tongue-shaped	Sept:		
— angustum.	— Narrow			
— cruciatum.	— Cross-leaved			
— depressum.	— Depressed			
— difforme.	— Deformed			
— latum.	— Broad-leaved	Aug:		
— longum.	— Long-leaved			
— prepingue.	— Soft-leaved			
— scalpatrum.	— Sharp-edged	Sept:		
lorum.	Leathery-leaved	D. Aug:		
maculatum.	Spotted-stalked	S.		
marginatum.	White-edged	May		
maximum.	Crescent-leaved	June		
micans.	Glittering			
microphyllum.	Small-leaved	May		
molle.	Soft-leaved	Aug:		
monilliforme.	Necklace	D. May	D.S.	
mucronatum.	Sharp-pointed	S. June	Ora:	
multiflorum.	Many-flowered	Aug:		
murinum.	Mouse's-chaps	D.	D.S.	
mutabile.	Changeable-flowd:	S.	Ora:	
nitidum.	Shining-leaved	July		
noctiflorum.	Night-flowering			
nuciforme.	Nut-shaped	D. Sept:	D.S.	
obtusum.	Obtuse-cloven	Mar:		
orbiculare.	Orbicular	Sept:		
— fibulaeforme.	— Button-like			
— minimum.	— Smallest	Oct:		
— minutum.	— Small			
— obconellum.	— Inverse cone-shpd:			
— obcordellum.	— Inverse ht: shpd:			
— truncatellum.	— Truncated			
papulosum.	Angular-stalked	S. Aug:	Ora:	
parviflorum.	Small-flowered	July		
pubescens.	Downy	Mar:	D.S.	
pugioniforme.	Small sword-shpd:	Sept:	Ora:	
pulehellum.	Keat	Apr:		
pulverulentum.	Dusted	June	D.S.	
purpu: croceum.	Purple & Orange	Sept:		
radiatum.	Rayed-flowered		Ora:	
reflexum.	Reflex-flowered	Aug:		
reptans.	Creeping	C. July		
retroflexum.	White-barked	S.		
rigidum.	Rigid	D. Aug:		
rostratum.	Heron-beaked	Nov:		
— bifidum.	— Two-cleft			
— compactum.	— Compact			
— quadrifidum.	— Four-cleft			
— ramosum.	— Small-creeping			
— robustum.	— Greater			
rubricaula.	Red-stemmed	S. June		

170 SUCCULENT GREENHOUSE PLANTS.—*Second Division, Sec. 3.*

Cl. Or. Grow. Flow. Soil. House. Country.

MESEMBRYANTHEMUM, }		FIG-MARYGOLD.	12. 4.				
	scabrum.	Scabrous	8.	July	S.L.	Ora:	C.G.H.
	serrulatum.	Sawed-leaved	—	Nov:	—	—	—
	spectabile.	Shewy	—	July	—	—	—
	speciosum.	Specious	—	—	—	—	—
	spiniforme.	Spine-shpd:-lvd:	C.	Sept:	—	—	—
	spinuliferum.	Spinulescent	8.	July	—	—	—
	spinosum.	Spiny	—	Aug:	—	—	—
	splendens.	Shining	—	June	—	—	—
	stellatum.	Star-flowered	—	Sept:	—	—	—
	stipulaceum.	Stipulated	—	July	—	—	—
	striatum.	Bristly Striped	—	—	—	—	—
	strictum.	Erect	—	—	—	—	—
	subalatum.	Winged-stem'd	—	June	—	—	—
	subulatum.	Awl-shaped	D.	—	—	—	—
	— acutum.	— Greater	—	—	—	—	—
	— diminutum.	— Smaller	—	—	—	—	—
	tenellum.	Small Perfoliate	S.	July	—	—	—
	tenuifolium.	Slender-leaved	—	—	—	—	—
	testiculare.	Short White-lvd:	D.	Oct:	—	D.S.	—
	tigrinum.	Tiger's-chaps	—	Aug:	—	—	—
b.	tortuosum.	Twisted	C.	July	—	—	—
	tricolorum.	Three-colored	S.	Oct:	—	Ora:	—
b.	Tripolium.	Plain-leaved	—	July	—	—	—
	tuberosum.	Tuberous-rooted	—	Aug:	—	—	—
	vaginatum.	Sheathed	—	June	—	—	—
	variable.	Variable	C.	July	—	—	—
	versicolor.	Various-colored	S.	Aug:	—	—	—
	veruculatum.	Spit-like-leaved	—	June	—	—	—
	villosum.	Villous	C.	July	—	—	—
	virgatum.	Twiggy	S.	May	—	—	—
	viridiflorum.	Green-flowered	—	Aug:	—	D.S.	—
	umbellatum.	Umbellated	—	—	—	Ora:	—
	uncinatum.	Great Hook'd-lvd:	—	July	—	—	—
	— minor.	— Small	—	Aug:	—	—	—
	— viride.	— Green	—	July	—	—	—
PORTULACARIA,		PURLANE TREE.	5. 3.				
	afra.	African		Cut: May	R.M.	Ora:	Africa.
SALICORNIA,		GLASS-WORT.	1. 1.				
	fruticosa.	Shrubby		Cut: Aug:	R.M.	Ora:	Britain.
SEDUM,		STONECROP.	10. 5.				
	divaricatum.	Spreading		Root June	S.L.	Ora:	Madeira.
	nudum.	Naked-branched		— July	—	—	—
SEMPERVIVUM,		HOUSELEEK.	11. 6.				
b.	africanum.	Cape		Root July	S.L.	Ora:	C.G.H.
	arboreum.	Tree		Cut: Sept:	—	—	Portugal.
	— fol: var:	— Striped-leaved		—	—	—	—
	canariense.	Canary		Root July	—	—	Canaries.
	glandulosum.	Glandular		Cut:	—	—	Madeira.
	glutinosum.	Clammy		—	—	—	—
	monanthes.	Cluster-lvd: Dwf:		Root	—	D.S.	Canaries.

SUCCULENT GREENHOUSE PLANTS.—Second Division, Sec. 3. 171

			Grow. Flow. Soil. House. Country.
SEMPERVIVUM,	HOUSELEEK.	11. 6.	
montanum.	Mountain	Root July	S.L. Ora: <i>Alps.</i>
villosum.	Hairy	— — — —	— — — — D.S. <i>Madeira.</i>
tortuosum.	Gouty	Cut: Aug:	— — — — <i>Canaries.</i>
SEPTAS,	SEPTAS.	7. 7.	
capensis.	Cape	Root Sept:	S.P. D.S. <i>C.G.H.</i>
globiflora.	Globe-flowered	— — — —	— — — —
TALINUM,	TALINUM.	11. 1.	
Anacampseros.	Round-leaved	Cut: Aug:	S.L. D.S. <i>C.G.H.</i>
arachnoides.	Cobweb	— Sept:	— — — —
filamentosum.	Thready	— — — —	— — — —
rubens.	Red-leaved	— — — —	— — — —
TETRAGONIA,	TETRAGONIA,	12. 4.	
decumbens.	Trailing	Cut: Sept:	S.L. D.S. <i>C.G.H.</i>
expansa.	Horned	— Aug:	— — — — <i>N. Zael.</i>
fruticosa.	Shrubby	— Sept:	— — — — <i>C.G.H.</i>
herbacea.	Herbaceous	— July	— — — —
VEREIA,	VEREIA.	10. 5.	
acutiflora.	White-flowered	Cut: Nov:	S.L. D.S. <i>E. Ind.</i>
crenata.	Notched-leaved	— Aug:	— — — — <i>Africa.</i>
laciniata.	Ragged-leaved	— — — —	— — — — <i>Egypt.</i>
XANTHORRHŒA,	XANTHORRHŒA.	6. 1.	
Hastile.	Yellow Gum	Suc: May	S.P. D.S. <i>N. Hol.</i>
minor.	Smaller	— — — —	— — — —
YUCCA,	ADAM'S NEEDLE.	6. 1.	
aloifolia.	Aloe-leaved	Root Aug:	S.P. Ora: <i>S. Am.</i>
Draconis.	Drooping-leaved	— Oct:	— — — — <i>Carolina.</i>
filamentosa fol:v:	Thready-strip'd-ld:	— Sept:	— — — — <i>Virginia.</i>
recurva.	Recurved-leaved	— Aug:	— — — — <i>Georgia.</i>
serrulata.	Broad Rough-edg'd	— — — —	— — — — <i>Carolina.</i>

BULBOUS GREENHOUSE PLANTS.

The culture of Bulbous-rooted Exotics being somewhat different from other plants, it is best to assign them a part of the house where they may be kept separate, and not exposed until they are in flower, as their unsightly appearance, both before and after flowering, would contribute but little to its ornament. When at rest, that is, when they are without leaves, the solid bulbs may be kept dry, and the fleshy roots sparingly supplied with moisture, until the fresh leaves begin to make their annual growth. All the solid bulbs require a sandy peat soil, with very little loam—say an eighth part at most; that is, when the peat is very sandy—if otherwise, none at all. Whereas, the coated, squamous, or fleshy bulbs, require a mixture of loam, peat, and rotten dung, of each an equal quantity, not too finely sifted.

In the first column, after the Class and Order, through this section, will be given the Color of the flower, indicated by the letters used for the color of the hardy Herbaceous Plants.

DIVISION II.—SECTION IV.

		Cl.	Or.	Col.	Flow.	Soil.	House.	Country.
ALBUCA,	ALBUCA.	6. 1.						
altissima.	Tallest		te.	May	R.M.D.S.	C.G.H.		
coarctata.	Channel-leaved		y.	June	—	—	—	—
caudata.	Long-taper-lvd:		y g.	—	—	—	—	—
fragrans.	Sweet-scented		w.	July	S.P.	—	—	—
major.	Large-flowered		f.	May	R.M.	—	—	—
minor.	Small		y.	June	—	—	—	—
spiralis.	Spiral-leaved		w.	Apr:	S.P.	—	—	—
viscosa.	Clammy-leaved		y.	June	R.M.	—	—	—
vittata.	Striped-flowered		y.w.	—	S.P.	—	—	—
AMARYLLIS,	AMARYLLIS.	6. 1.						
capensis.	Cape		pk.	July	R.M. Ora:	C.G.H.		
crispa.	Crisp'd flowered		lf.	Aug:	—	—	—	—
formosissima.	Jacobæa Lily.		d.r.	June	—	—	S. Am.	
Fothergillii.	Fothergill's		o.	July	—	—	China.	
— major.	— Large var:		—	—	—	—	—	—
glauca.	Sea-green-leaved		r.	—	—	—	C.G.H.	
humilis.	Dwarf		—	—	—	—	—	—
Johnsonii.	Johnson's		—	Aug:	—	—	—	—
linearis.	Linear-petalled		st.	—	—	Ora:	—	—
maculata.	Spotted		—	June	—	D.S.	Chili.	
pumilio.	Narrow-leaved		pk.	Oct:	—	—	C.G.H.	
purpurea.	Purple-flowered		d.r.	Aug:	—	—	—	—
sarniensis.	Guernsey Lily.		r.	Sept:	—	Ora:	—	—
tabulare.	Table Mountain		f.	July	—	—	—	—

BULBOUS GREENHOUSE PLANTS.—*Second Edition, Sec. 4. 178*

		Cl. Or.	Col.	Flow.	Soil.	House.	Country.
AMARYLLIS,	AMARYLLIS,	6. 1.					
tubispatha.	Long-sheathed	<i>f.</i>	July	R.M.	D.S.	<i>S. Am.</i>	
vittata	Striped-flowered	<i>st.</i>	June	—	Ora:	<i>C.G.H.</i>	
undulata.	Waved-leaved	<i>pk.</i>	June	—	D.S.	—	
ANTHERICUM,	ANTHERICUM.	6. 1.					
Albucoidea.	Striped-flowered	<i>y.g.</i>	Aug:	R.M.	D.S.	<i>C.G.H.</i>	
Asphodeloides.	Upright-leaved	<i>y.</i>	June	—	—	—	
canaliculatum.	Channel-leaved	<i>w.g.</i>	Apr:	—	—	—	
ANTHOLYZA,	ANTHOLYZA.	3. 1.					
æthiopica.	Broad-leaved	<i>o.</i>	July	S.P.	Ora:	<i>C.G.H.</i>	
brevifolia.	Short-leaved	<i>l.pk.</i>	June	—	—	—	
Canonica.	Scarlet	<i>d.r.</i>	May	—	—	—	
marginata.	Red-edged	<i>f.</i>	June	—	—	—	
Meriana.	Red-flowered	<i>l.p.</i>	—	—	—	—	
Merianella.	Dwf: Red-flowd:	—	—	—	—	—	
iridifolia.	Iris-leaved	<i>l.pk.</i>	July	—	—	—	
— fulgens.	— Scarlet var:	<i>d.r.</i>	—	—	—	—	
— fusca.	— Iron-color var:	<i>br.</i>	—	—	—	—	
ringens.	Gaping-flowered	<i>o.</i>	Aug:	—	—	—	
spicata.	Spike-flowered	<i>l.p.</i>	June	—	—	—	
— pallida.	— Pale var:	<i>l.f.</i>	—	—	—	—	
tubulosa.	Spotted-flowered	<i>p.w.</i>	—	—	—	—	
BABIANA,	BABIANA.	3. 1.					
latifolia.	Broad-leaved	<i>l.b.</i>	June	S.P.	D.S.	<i>C.G.H.</i>	
longifolia.	Long-leaved	<i>d.b.</i>	—	—	—	—	
plicata.	Plaited-leaved	<i>p.</i>	—	—	—	—	
rubro-cyanea.	Blue and Red	<i>b.r.</i>	May	—	—	—	
spathacea.	Stiff-leaved	<i>l.b.</i>	June	—	—	—	
stricta.	Upright	<i>b.w.</i>	May	—	—	—	
sulphurea.	Pale Yellow	<i>l.y.</i>	—	—	—	—	
tenuifolia.	Slender-leaved	<i>l.r.</i>	—	—	—	—	
tubiflora.	Long-flowered	<i>y.r.</i>	June	—	—	—	
villosa.	Dark Red-flowd:	<i>d.r.</i>	July	—	—	—	
CYANELLA,	CYANELLA.	6. 1.					
capensis.	Cape Blue	<i>b.</i>	July	S.P.	D.S.	<i>C.G.H.</i>	
CYCLAMEN,	CYCLAMEN.	5. 1.					
herderæfolium.	Ivy-leaved	<i>r.</i>	Apr:	P.L.	Ora:	<i>Italy.</i>	
persicum.	Persian	<i>r.w.</i>	May	—	—	<i>Cyprus.</i>	
— flo: albo.	— White-flowd:	<i>w.</i>	—	—	—	—	
— flo: odorato.	— Sweet-scented	<i>r.w.</i>	—	—	—	—	
CYRTANTHUS,	CYRTANTHUS.	6. 1.					
albus.	White-flowered	<i>w.</i>	June	R.M.	D.S.	<i>C.G.H.</i>	
angustifolius.	Narrow-leaved	<i>a.</i>	—	—	—	—	
obliquus.	Oblique-leaved	<i>g.o.</i>	—	—	—	—	
— latifolius.	— Broad-lvd: var:	—	—	—	—	—	
ventricosus.	Inflated	<i>a.</i>	—	—	—	—	
DRIMIA,	DRIMIA.	6. 1.					
elata.	Tall	<i>w.g.</i>	Oct:	S.P.	D.S.	<i>C.G.H.</i>	
pusilla.	Dwarf	<i>g.</i>	May	—	—	—	
ERIOSPERMUM,	ERIOSPERMUM.	6. 1.					
lanceæfolium.	Spear-leaved	<i>l.b.</i>	June	S.P.	D.S.	<i>C.G.H.</i>	
latifolium.	Broad-leaved	—	May	—	—	—	
parvifolium.	Small-leaved	—	—	—	—	—	

174 BULBOUS GREENHOUSE PLANTS.—Second Division, Sec. 4.

		Cl. Or.	Col.	Flow.	Soil.	House.	Country.
EUCOMIS,	EUCOMIS.	6. 1.					
bifolia.	Two-leaved	<i>lg.</i>	Apr:	R.M.	D.S.	C.G.H.	
nana.	Dwarf	<i>br.</i>	May				
punctata.	Dotted-leaved	<i>g.b.</i>	July				
purpureo-caulis.	Purple-stemmed		Mar:				
regia.	Tongue-leaved	<i>g.</i>	Apr:				
striata.	Striped-leaved		July				
undulata.	Waved-leaved		Apr:				
FERRARIA,	FERRARIA.	16. 1.					
antherosa.	Branching	<i>g.br.</i>	Apr:	S.P.	D.S.	C.G.H.	
undulata.	Crisp'd-flowered		May				
viridiflora.	Green-flowered	<i>g.</i>					
GALAXIA,	GALAXIA.	16. 1.					
graminea.	Grass-leaved	<i>ly.</i>	July	S.P.	D.S.	C.G.H.	
grandiflora.	Large-flowered	<i>d.y.</i>	June				
ovata.	Oval-leaved						
GETHYLLIS,	GETHYLLIS.	6. 1.					
ciliaris.	Fringed-flowered	<i>w.</i>	July	S.P.	D.S.	C.G.H.	
lanceolata.	Spear-leaved						
spiralis.	Spiral-leaved						
villosa.	Hairy						
GLADIOLUS,	CORN-FLAG.	3. 1.					
abreviatus.	Antholyza-like	<i>r.br.</i>	May	S.P.	Ora:	C.G.H.	
alatus.	Winged-flowered	<i>o.g.</i>	June		D.S.		
— fol: linearibus.	— Linear-lyd:						
angustus.	Narrow-leaved	<i>ly.</i>			Ora:		
bicolor.	Two-colored	<i>y.b.</i>					
blandus.	Blush-colored	<i>lf.</i>					
byzantinus major	Turkish	<i>r.</i>				Turkey.	
— flo: albo.	— White var:	<i>w.</i>					
campanulatus.	Bell-flowered	<i>lp.</i>				C.G.H.	
cardinalis.	Cardinal-Flower.	<i>d.r.</i>	Ang:				
carneus.	Flesh-colored	<i>f.</i>	June				
carinatus.	Keel'd-flowered	<i>b.</i>	May				
crispus.	Crisp-leaved	<i>f.</i>					
cuspidatus.	Tall	<i>w.br.</i>					
— crispus.	— Crisp-flowered						
galeatus.	Helmet-flowered	<i>o.g.</i>	June		D.S.		
gracilis.	Slender-stemmed	<i>f.w.</i>					
grandiflorus.	Large-flowered	<i>w.br.</i>	July				
hirsutus.	Hairy-leaved	<i>pk.</i>	June				
lineatus.	Pencilled	<i>y.</i>	May		Ora:		
marginatus.	Red-edged	<i>pk.</i>					
namaquensis.	Namaqua	<i>o.g.</i>	Jnne		D.S.		
nanus.	Dwarf	<i>b.y.</i>	May				
orchidiflorus.	Orchis-flowered	<i>br.</i>					
polystachius.	Branching	<i>pk.</i>	Aug:		Ora:		
præcox.	Early Red	<i>d.r.</i>	Mar:				
pyramidatus.	Pyramidal-flowd:	<i>p.</i>	June				
ringens odoratus.	Sweet Gaping	<i>b.y.</i>	May		D.S.		
roseus.	Rose-colored	<i>pk.</i>	June		Ora:		
striatus.	Striped-flowered	<i>y.br.</i>					

BULBOUS GREENHOUSE PLANTS.—Second Division, Sec. 4. 175

		Cl. Or.	Col.	Flow.	Soil.	House.	Country.
GLADIOLUS,	CORN-FLAG.	3. 1.					
— <i>tristis</i> <i>præcox</i> .	Early Square-lvd:	<i>br.y.</i>	Apr:	S.P.	Ora:	C.G.H.	
— <i>tardivus</i> .	— Late var:		Aug:				
— <i>flo: luteo</i> .	— Yellow var:	<i>l.y.</i>					
<i>versicolor</i> .	Changeable flowd:	<i>br.</i>	July				
<i>viperatus</i> .	Perfumed	<i>br.y.</i>	May		D.S.		
<i>undulatus</i> .	Wave-leaved	<i>pk.</i>	July				
<i>Watsonius</i> .	Watson's	<i>d.r.</i>	May		Ora:		
HYACINTHUS,	HYACINTH.	6. 1.					
— <i>corymbosus</i> .	Corymbous-flowd:	<i>b.</i>	Oct:	R.M.	Ora:	C.G.H.	
— <i>revolutus</i> .	Wave-leaved		Aug:				
HYPOXIS,	HYPOXIS.	6. 1.					
— <i>ovata</i> .	Oval-leaved	<i>y.</i>	May	S.P.	D.S.	C.G.H.	
— <i>stellata</i> <i>alba</i> .	Star-flowered	<i>w.b.</i>	June				
— <i>lutea</i> .	— Yellow var:	<i>y.g.</i>					
IRIS,	IRIS.	3. 1.					
— <i>bituminosa</i> .	Clammy	<i>y.</i>	May	S.P.	D.S.	C.G.H.	
— <i>ciliata</i> .	Fringed	<i>b.</i>	June				
— <i>papilionacea</i> .	Butterfly-flowd:	<i>w.b.</i>					
— <i>pavonia</i> .	Peacock						
— <i>sisyrinchium</i> .	Spanish Nut.	<i>b.</i>	May		Ora:	S. Ex.	
— <i>tricuspis</i> .	Trident-flowered	<i>w.b.</i>	June			C.G.H.	
IXIA,	IXIA.	3. 1.					
— <i>aulica</i> .	Rose-colored	<i>pk.</i>	May	S.P.	Ora:	C.G.H.	
— <i>bulbifera</i> .	Bulb-bearing	<i>l.y.</i>					
— <i>aristata</i> .	— Bearded-lvd:	<i>y.br.</i>			D.S.		
— <i>grandiflora</i> .	— Great-flowd:		June				
— <i>maculata</i> .	— Spotted-flowd:	<i>w.br.</i>					
— <i>purpurea</i> .	— Purple-flowd:	<i>d.b.</i>					
— <i>splendens</i> .	— Dk: Lake-cold:	<i>d.r.</i>					
— <i>striata</i> .	— Striped-flowd:	<i>br.w.</i>	May				
— <i>tricolor</i> .	— Three-colored	<i>o.y.</i>					
<i>Bulbocodium</i> sp:	Channel-lvd: splendid	<i>y.p.</i>			Ora:		
— <i>flo: flavo</i> .	— Yellow var:	<i>y.</i>					
— <i>capitata</i> <i>alba</i> .	Crowd: fld: White	<i>w.</i>					
— <i>alba</i> <i>mac:</i>	— Whi: Dk: bottom	<i>w.br.</i>					
— <i>aurea</i> .	— Golden-flowd:	<i>o.</i>					
— <i>aurea</i> <i>mac:</i>	— Dk: bottom	<i>o.b.</i>					
— <i>lutea</i> .	— Yellow	<i>y.</i>					
— <i>lutea</i> <i>mac:</i>	— Dk: bottom	<i>y.b.</i>					
— <i>rosea</i> .	— Rose-colored	<i>f.</i>					
— <i>viridescens</i> .	— Greenish	<i>g.</i>					
— <i>cinnamomæa</i> .	Night-smelling	<i>w.br.</i>	June		D.S.		
— <i>columnaris</i> <i>cæru:</i>	Monadelphous Blue	<i>l.b.</i>	July		Ora:		
— <i>grandiflora</i> .	— Large-flowd:						
— <i>purpurea</i> .	— Purple	<i>d.p.</i>					
— <i>versicolor</i> .	— Changeable	<i>y.o.</i>					
— <i>conica</i> .	Cone-flowered	<i>o.</i>	May				
— <i>corymbosa</i> <i>cæru:</i>	Corymbous-flowd:	<i>d.b.</i>			D.S.		
— <i>pallida</i> .	— Pale var:	<i>l.b.</i>					
— <i>crateroides</i> .	Dark Crimson	<i>d.r.</i>	July		Ora:		
— <i>striata</i> .	— Striped var:	<i>d.r.w.</i>					

176 BULBOUS GREENHOUSE PLANTS.—Second Division, Sec. 4.

		Cl. Or.	Col.	Flow.	Soil.	House.	Country.
		3: 1.					
IXIA,	IXIA.						
<i>crispa.</i>	Crisp'd-leaved	<i>f.</i>	June	S.F.	D.S.	C.G.H.	
<i>crocata.</i>	Crocus-flowered	<i>o.</i>	—	—	Ora:	—	
— <i>concolor.</i>	— Dark Orange	<i>d.o.</i>	—	—	—	—	
— <i>deusta.</i>	— Black-marked	—	—	—	—	—	
— <i>fenestrata.</i>	— Pellucid	<i>l.o.</i>	—	—	—	—	
— <i>incarnata.</i>	— Flesh-colored	<i>f.</i>	—	—	—	—	
— <i>minuta.</i>	— Late	<i>o.</i>	Aug:	—	—	—	
— <i>rosea et alba.</i>	— Rose & White	<i>f.w.</i>	July	—	—	—	
— <i>securigera.</i>	— Copper-colored	<i>o.</i>	—	—	—	—	
<i>cruciat.</i>	Cross-flowered	<i>p.y.</i>	May	—	—	—	
<i>excisa.</i>	Short-leaved	<i>pk.</i>	—	—	D.S.	—	
<i>falcata.</i>	Sickle-leaved	<i>w.br.</i>	—	—	—	—	
<i>flexuosa.</i>	Weak-stemmed	<i>pk.</i>	—	—	Ora:	—	
<i>fistulosa.</i>	Hollow-stemmed	<i>b.</i>	June	—	D.S.	—	
<i>linearis.</i>	Slender	<i>w.</i>	May	—	Ora:	—	
<i>obtusata.</i>	Blunt-leaved	<i>w.br.</i>	—	—	D.S.	—	
<i>plantaginea.</i>	Plantain-apiked	<i>h.b.</i>	July	—	—	—	
— <i>minor.</i>	— Small var:	—	—	—	—	—	
<i>polystachia alba.</i>	Branching-flowd:	<i>w.</i>	May	—	Ora:	—	
— <i>fusca.</i>	— Brown var:	<i>br.</i>	—	—	—	—	
— <i>lutea.</i>	— Yellow var:	<i>y.</i>	—	—	—	—	
— <i>rosea.</i>	— Rose-color var:	<i>f.</i>	—	—	—	—	
— <i>viridi mac:</i>	— Green Brown-hot:	<i>g.</i>	June	—	—	—	
<i>punctata.</i>	Dotted-flowered	<i>r.</i>	—	—	—	—	
<i>pusilla alba.</i>	Dwarf Slender	<i>w.</i>	—	—	D.S.	—	
— <i>cœrulea.</i>	— Blue var:	<i>b.</i>	—	—	—	—	
<i>radiata.</i>	Nodding-flowd:	<i>br.w.</i>	—	—	—	—	
<i>reflexa.</i>	Reflex-flowered	<i>r.</i>	July	—	—	—	
<i>retusa.</i>	Convallaria-scented	<i>l.y.</i>	June	—	—	—	
<i>Rochensis.</i>	Highland Laddie	<i>d.b.r.</i>	—	—	—	—	
<i>rosea.</i>	Rose-colored	<i>f.</i>	—	—	Ora:	—	
<i>spicata alba.</i>	Spike-fl'd: White	<i>w.</i>	—	—	—	—	
— <i>lutea.</i>	— Yellow var:	<i>y.</i>	—	—	—	—	
— <i>rosea.</i>	— Rose-color	<i>f.</i>	—	—	—	—	
— <i>rubra.</i>	— Red	<i>r.</i>	—	—	—	—	
— <i>viridis.</i>	— Green	<i>g.</i>	July	—	—	—	
<i>stellata alba.</i>	Star-flowd: White	<i>w.</i>	Aug:	—	—	—	
— <i>purpurea.</i>	— Purple var:	<i>p.</i>	—	—	—	—	
<i>tubiflora aurea.</i>	Trumpet-flowered	<i>o.</i>	July	—	—	—	
— <i>major.</i>	— Large var:	<i>l.o.</i>	—	—	—	—	
<i>viridiflora.</i>	Green-flowered	<i>g.</i>	—	—	—	—	
LACHENALIA,	LACHENALIA.	6: 1.					
<i>angustifolia.</i>	Narrow-leaved	<i>o.</i>	Apr:	S.E.	Ora:	C.G.H.	
<i>contaminata.</i>	Mixed	<i>o.r.</i>	—	—	—	—	
<i>flava.</i>	Yellow	<i>y.</i>	—	—	—	—	
<i>fragrans.</i>	Sweet-scented	<i>w.</i>	—	—	—	—	
<i>lanceæfolia.</i>	Lance-leaved	<i>o.y.</i>	Sept:	—	—	—	
<i>orchioïdes.</i>	Orchis-flowered	<i>r.y.</i>	Apr:	—	D.S.	—	
<i>pallida.</i>	Pale-flowered	<i>l.y.</i>	—	—	—	—	
<i>patula.</i>	Spreading-flowd:	<i>te.</i>	—	—	—	—	
<i>pendula.</i>	Drooping-flowd:	<i>r.g.</i>	—	—	—	—	

BULBOUS GREENHOUSE PLANTS.—Second Division, SE. 4. 177

		Cl. Or.	Col.	Flow.	Soil.	House.	Country.
LACHENALIA,	LACHENALIA.	6. 1.					
purpureo cœrul:	Purple and Blue	p.b.	Apr:	S.L.	Ora:	C.G.H.	
pustulata.	Warted-leaved	r.y.					
quadricolor.	Four-colored	r.g.					
reflexa:	Reflex-flowered	w.					
rosea.	Rose-colored	f.					
sessiliflora.	Sessile-flowered	r.g.					
tricolor.	Three-colored	o.r.					
— foliis mac:	— Spotted-ld: var:						
violacea.	Light Blue-flowd:	l.b.					
unifolia.	One-leaved	r.g.					
MASSONIA,	MASSONIA.	6. 1.					
angustifolia.	Narrow-leaved	w.	Apr:	S.L.	Ora:	C.G.H.	
echinata.	Rough-leaved	—	May				
latifolia.	Broad-leaved	—	Apr:				
scabra.	Shagreen-leaved	g.	Mar:				
violacea.	Trumpet-flowd:	f.					
MELANTHIUM,	MELANTHIUM.	6. 3.					
capense.	Spotted-flowered	br.y.	June	S.P.	Ora:	C.G.H.	
juncenm.	Rush-leaved	br.	Aug:				
eucomoides.	Dwarf	y.	May				
viride.	Green-flowered	g.					
uniflorum.	One-flowered	l.y.	July				
MELASPHÆRULA,	MELASPHÆRULA.	3. 1.					
graminea.	Grass-leaved	w.br.	May	S.P.	Ora:	C.G.H.	
MORÆA,	MORÆA.	3. 1.					
cœrulea.	Blue-flowered	l.b.	May	S.P.	D.S.	C.G.H.	
edulis.	Eatable-rooted	y.					
flexuosa.	Branching	—					
glaucia.	Sea-green-leaved	l.b.	June				
iriopetala.	Iris-like	w.br.					
iridioides.	Flag-leaved	w.	May				
pusilla.	Dwarf	b.f.					
tricolor.	Three-colored	o.r.					
tristis.	Dull-colored	b.r.	Apr:				
ORNITHOGALUM,	STAR of BETHLEHEM.	6. 1.					
altissimum.	Tallest	g.w.	Sept:	R.M.	Ora:	C.G.H.	
aureum.	Golden-flowered	o.	May				
— flo: pallido.	— Pale var:	y.					
lacteum.	Milk-white	w.	June				
niveum.	Snow-white	—	Aug:				
odoratum.	Sweet-scented	—	July				
rupestre.	Rock	y.					
scilloides.	Squill-like	l.y.	June				
thyrsiflorum.	Thyrsis-flowered	w.					
OXALIS,	WOOD SORREL.	10. 5.					
bifolia.	Two-leaved	l.y.	Sept:	S.P.	D.S.	C.G.H.	
caprina.	Goat's-foot	y.	May				
— flo: luteo pl:	— Dble: fid: var:	—			Ora:		
ericoides.	Heath-leaved	r.w.					
flabellifolia.	Fan-leaved	y.r.	Oct:		D.S.		
hirta.	Hairy-leaved	r.			Ora:		

178 BULBOUS GREENHOUSE PLANTS. *Second Division, Sec. 4.*

		Cl. Or.	Col.	Flow.	Soil.	House.	Country.
OXALIS,	WOOD SORREL.	10. 5.					
<i>lutea</i> .	<i>Laburnum-leaf:</i>			p.	May	S.P.	Ora: C.G.H.
<i>monophylla.</i>	<i>One-leaved</i>			y.	Oct:	D.S.	_____
<i>quadrifolia.</i>	<i>Four-leaved</i>			pk.	July	_____	Ora: Peru.
<i>rubella.</i>	<i>Branching-red</i>			r.	Sept:	_____	C.G.H.
<i>tenuifolia.</i>	<i>Narrow-leaved</i>			r.y.	Oct:	_____	_____
<i>tricolor.</i>	<i>Three-colored</i>			w.r.	_____	_____	_____
<i>variabilis.</i>	<i>Changeable</i>			_____	_____	_____	_____
<i>versicolor.</i>	<i>Striped-flowered</i>			_____	Mar:	_____	_____
POLYANTHES,	TUBEROSE.	6. 1.					
<i>tuberosa.</i>	<i>Common</i>			w.	Aug:	R.M.	Ora: E. Ind.
— <i>flo: pleno.</i>	— <i>Double var:</i>			_____	_____	_____	_____
SCILLA,	SQUILL.	6. 1.					
<i>hyacinthoides.</i>	<i>Hyacinth-like</i>			b.	July	R.M.	Ora: Madeira.
<i>maritima.</i>	<i>Officinal</i>			w.	May	_____	S. Ex.
<i>unifolia.</i>	<i>One-leaved</i>			_____	June	_____	Portugal.
TIGRIDA,	TIGER-FLOWER.	16. 1.					
<i>pavonia.</i>	<i>Mexican</i>			r.r.	Aug:	S.P.	Ora: Mexico.
TULBAGIA,	TULBAGIA.	6. 1.					
<i>alliacea.</i>	<i>Garlick-scented</i>			br.	July	R.M.	Ora: C.G.H.
<i>cepeacea.</i>	<i>Onion-scented</i>			_____	May	_____	_____
TULIPA,	TULIP.	6. 1.					
<i>Glusiana.</i>	<i>Clugius's</i>			w.r.	May	R.M.	Ora: S. Ex.
<i>Celsiana.</i>	<i>Cels's</i>			r.r.	June	_____	_____
VELTHEIMIA,	VELTHEIMIA.	6. 1.					
<i>glauc.</i>	<i>Sea-green-leaved</i>			f.g.	Apr:	R.M.D.S.	C.G.H.
<i>viridifolia.</i>	<i>Green-leaved</i>			f.w.	Oct:	_____	Ora: _____
WACHENDORFIA,	WACHENDORFIA.	3. 1.					
<i>graminea.</i>	<i>Grass-leaved</i>			br.	May	S.P.	D.S. C.G.H.
<i>hirsuta.</i>	<i>Hairy-leaved</i>			o.	June	_____	_____
<i>paniculata.</i>	<i>Panicle</i>			y.	Mar:	_____	_____
<i>thyrsiflora.</i>	<i>Tall-growing</i>			_____	June	_____	Ora: _____
WURMBEA,	WURMBEA.	6. 3.					
<i>campanulata.</i>	<i>Bell-flowered</i>			br.	June	S.P.	D.S. C.G.H.
<i>purpurea.</i>	<i>Purple-flowered</i>			d.p.	_____	_____	_____

HERBACEOUS AND STEMLESS GREENHOUSE PLANTS.

I have made a separate Section of these plants, considering them as
unseemly when ranged with woody plants; and rather fitting to be kept on
the shelves, or bye parts of the Greenhouse, until in flower; as they have
mostly an unsightly appearance when not in blossom.

DIVISION II.—SECTION V.

		Cl. Or.	Prop.	Flw.	Soil.	House.	Country.
ACHILLEA,	MILFOIL.	19.	2.				
egyptiaca.	Egyptian			Root Aug:	P.L.	Ora:	Levant.
ACROSTICHUM,	ACROSTICHUM.	24.	1.				
alcicorne.	Stag's-horn			Root Sept:	S.P.	D.S.	Java.
velleum.	Woolly			—	—	—	Madeira.
ADIANTUM,	MAIDENHAIR.	24.	1.				
Capillus Veneris.	True			Root July	S.P.	Ora:	Britain.
pedatum.	Canadian			— Aug:	—	—	N. Am.
reniforme.	Kidney-shaped			—	—	D.S.	Madeira.
AGAPANTHUS,	AGAPANTHUS.	6.	1.				
umbellatus major	African Blue Lily.			Root Sept:	R.M.	Ora:	C.G.H.
— media.	— Small var:			—	—	—	—
— minor.	— Smallest var:			—	—	—	—
ALSTROEMERIA,	ALSTROEMERIA.	6.	1.				
Pelegrina.	Spotted-flowered			Seed Aug:	R.M.	D.S.	Peru.
ANAGALLIS,	PIMPERNEL.	5.	1.				
b. fruticosa.	Great-flowered			Lay: Aug:	P.L.	Ora:	Levant.
— monille.	Italian Blue			—	—	—	Italy.
ANIGOZANTHOS,	ANIGOZANTHOS.	6.	1.				
flavida.	Green-flowered			Root Sept:	S.P.	Ora:	N. Hol.
ANTHILLIS,	KIDNEY VETCH.	17.	4.				
sericea.	Silky-leaved			Cut: Aug:	P.L.	Ora:	Candia.
ANTIRRHINUM,	SNAPDRAGON.	14.	2.				
Asarinum.	Heart-leaved			Seed June	R.M.	Ora:	Italy.
bellidifolium.	Daisy-leaved			—	S.L.	—	France.
molle.	Soft White-flowd:			Cut: Aug:	—	—	Spain.
b. triete.	Brown-flowered			Root July	—	—	—
APHYLLANTHES,	LILY PINK.	6.	1.				
monspeiensis.	Rush-like			Root May	S.P.	Ora:	S.France.
ARCTOTIS,	ARCTOTIS.	19.	1.				
acaulis.	Stemless			Root June	P.L.	Ora:	C.G.H.
reptans.	Creeping-rooted			— July	—	—	—
undulata.	Waved-leaved			Cut: May	—	—	—

180 HERBACEOUS GREENHOUSE PLANTS.—*Second Div. Sec. 5.*

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
ARGEMONE,	ARGEMONE.	13. 1.					
b. alba,	White-flowered		Seed	July	R.M.	Ora:	Sand. Isle
ARISTEA,	ARISTEA.	3. 1.					
capitata.	Tallest		Cut:	Aug:	S.P.	Ora:	C.G.H.
cyanea.	Dwarf		Seed	July			
melaleuca.	Three-colored		Cut:	May			
spiralis.	Spiral-flowered						
ARTHROPODIUM,	ARTHROPODIUM.	6. 1.					
paniculatum.	Panicled		Cnt:	Aug:	S.P.	Ora:	N. Hol.
ARUM,	ARUM,	21. 7.					
crispitum,	Hairy-sheathed		Root	May	S.L.	Ora:	Minorca.
ternatum.	Japan			June			Japan.
ASPLENIUM,	SPLEEN-WORT.	24. 1.					
Hemionitis.	Mule's Fern.		Root		S.P.	Ora:	S. Eu.
maritimum.	Sea			Aug:			Britain.
Trichomanes.	Com: Maidenhair			July			
ASTER,	STAR-WORT.	19. 2.					
Cymbalariae.	Ivy-leaved		Cnt:	June	P.L.	Ora:	C.G.H.
tenellus,	Dwarf		Root	July			
ASTRAGALUS,	MILK-VETCH.	17. 4.					
Sinensis.	Upright Chinese		Cut:	June	P.L.	Ora:	China.
tomentosus.	Downy-leaved			July			Egypt.
BLANDFORDIA,	BLANDFORDIA.	6. 1.					
nobilis.	Shewy		Seed	Aug:	S.P.	D.S.	N. Hol.
BLECHNUM,	BLECHNUM.	24. 1.					
australe,	Cape		Root	July	S.P.	Ora:	C.G.H.
radicans.	Rooting-leaved						Madeira.
BUBON,	BUBON.	5. 2.					
b. macedonicum.	Macedonian Parsley.		Seed	July	R.M.	Ora:	Greece.
rigidus.	Stiff-leaved						Italy.
CALCEOLARIA,	CALCEOLARIA.	2. 1.					
Fothergilli.	Fothergill's		Seed	July	S.P.	Ora:	C. Horn.
CALLA,	CALLA.	20. 8.					
æthiopica.	Æthiopian		Root	Apr:	R.M.	Ora:	C.G.H.
CAMPANULA,	BELL-FLOWER.	5. 1.					
b. debilis,	Slender-stem'd		Seed	July	S.P.	Ora:	N. Hol.
mollis.	Soft-leaved		Cut:		P.L.		Syria.
CANARINA,	CANARINA.	5. 1.					
Campanula.	Canary Bell-flower.		Root	Apr:	R.M.	D.S.	Canaries.
CELSIA,	CELSIA.	14. 2.					
b. arcturus.	Scollop-leaved		Seed	July	P.L.	Ora:	Levant.
cretica.	Cretan						
CENTAUREA,	CENTAURY.	19. 3.					
ægyptiaca.	Ægyptian		Cut:	Aug:	P.L.	Ora:	Egypt.
argentea.	Silvery-leaved						Crete.
Cineraria.	White-leaved						Italy.
ferox.	Hedgehog		Seed				Barbary.
ragusina.	Cretan		Cut:	June			Crete.
sempervirens.	Evergreen			July			S. Eu.
spinosa.	Prickly-branched						Crete.

HERBACEOUS GREENHOUSE PLANTS.—Second Div. Sec. 5. 181

Cl. Or. Prop. Flow. Soil. House. Country.

CHRYSANTHEMUM, CHRYSANTHEMUM. 19.2.		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
indicum alb.	Chinese White	Cut:	Nov:	P.L.	Ora:	China.	
2. ———	Quilled	————	————	————	————	————	
3. ———	Copper-color	————	————	————	————	————	
4. ———	Golden Yellow	————	————	————	————	————	
5. ———	Lilac-color	————	————	————	————	————	
6. ———	Purple	————	————	————	————	————	
7. ———	Quilled	————	————	————	————	————	
8. ———	Striped	————	————	————	————	————	
9. ———	Spanish Brown	————	————	————	————	————	
10. ———	Straw-color	————	————	————	————	————	
11. ———	Quilled	————	————	————	————	————	
CINERARIA,	CINERARIA. 19. 2.	Root	Apr:	P.L.	Ora:	Canaries.	
cruenta.	Purple	————	————	————	————	C.G.H.	
humifusa.	Trailing	————	————	————	————	Azores.	
malvæfolia.	Mallow-leaved	————	————	————	————	————	
COMMELINA,	COMMELINA. 3. 1.	Root	July	R.M.	Ora:	C.G.H.	
africana.	African	————	————	————	————	S. Am.	
azurea.	Azure Blue	————	————	————	————	D.S.	
tuberosa.	Tuberous-rooted	————	————	————	————	Mexico.	
CONVOLVULUS,	BINDWEED. 5. 1.	Cut:	Aug:	P.L.	Ora:	Canaries.	
floridus.	Many-flowered	————	————	————	————	N. Am.	
panduratus.	Great Virginian	Root	————	————	————	————	
CORIS,	CORIS. 3. 1.	Seed	June	S.P.	Ora:	S. Eu.	
monspeliensis.	Montpelier	————	————	————	————	————	
CORONILLA,	CORONILLA. 17. 4.	Cut:	July	P.L.	Ora:	Madagas.	
viminialis.	Slender-twigg'd	————	————	————	————	————	
DAHLIA.	DAHLIA. 19. 2.	Root	Sept:	H.L.	Ora:	Mexico.	
frustranea latea.	Barren-ray'd Yel:	————	————	————	————	————	
— aurantia.	— Orange	————	————	————	————	————	
— coccinea.	— Scarlet	————	————	————	————	————	
fulgens.	Shining-leaved	————	————	————	————	————	
superflua.	Fertile-ray'd	————	————	————	————	————	

More than 150 distinct varieties are now cultivated of this fine Genus, the extreme splendor of whose flowers rivals, for beauty and brilliancy, whatever we have hitherto seen in colors. Such words as our language now affords, are capable of conveying little more than a faint idea of their infinite gradations, from the darkest lake color, to the lightest intermediate tones, of every hue, except green. Since few of the approximating gradations connecting the three primary colors, Red, Yellow, and Blue, have any fixed denominative character, we must be content to consider them, as yet, only numerically. So desirable an object as fixing a general nomenclature to the principal tints in colors, is now in progress, upon the most simple principles, and will shortly be given to the public. The number of terms for intermediate tints and primary colors, will be 72; with 3 terms for blacks, and 3 for whites; making the whole series 78.

DIANELLA,	DIANELLA. 6. 1.	Root	Aug:	S.P.	Ora:	N. Hol.	
cœrulea.	Blue-flowered	————	————	————	————	————	
divaricata.	Stradling	————	————	————	————	————	
DIANTHUS,	PINK. 10. 2.	Cut:	Aug:	P.L.	Ora:	C.G.H.	
albas.	Capè	————	————	————	————	————	

182 HERBACEOUS GREENHOUSE PLANTS.—*Second Dis. Sec. 5.*

		Cl. Or. Prop. Flow. Soil. House. Country.	
DICHONDRA, repens.	DICHONDRA. Creeping	5. 2	Cut: June S.P. Ora: N. Hol.
DILATRIS, corymbosa.	DILATRIS. Broad-petalled	5. 1.	Seed May S.P. Ora: C.G.H.
viscosa.	Clammy		
DISANDRA, prostrata.	DISANDRA, Trailing	7. 1.	Lay: July P.L. Ora: Madeira.
DOODIA, aspera.	DOODIA. Rough-stalked	14. 1.	Root Aug: S.P. Ora: N. Hol.
EPIDENDRUM, ensifolium.	EPIDENDRUM. Sword-leaved	20. 1.	Root Aug: S.P. D.S. China.
sinense.	Chinese		
FALKIA, repens.	FALKIA. Trailing	6. 2.	Root July P.L. Ora: C.G.H.
GAZANIA, pavonia.	GAZANIA. Peacock	19. 3.	Cut: June P.L. Ora: C.G.H.
rigens major.	Great-flower		
— minor.	— Small var:		
GERANIUM, With tuberos Roots, & decaying Leaves.	GERANIUM. Fiery Red	16. 4.	Root June R.M.D.S. C.G.H.
ardens major.	— Small var:		
— minor.	Bearded-leaved		July
barbatum.	Ciliated-leaved		
ciliatum.	Thick-leaved		June Ora: Cyprus.
crassifolium.	Jagged-leaved		Aug: D.S. C.G.H.
crenulum.	Carrot-leaved		
dactylum.	Yellow-flowered		May
flavum.	Round-leaved		June
gaurusium.	Various-leaved		
heterophyllum.	Fleshy-leaved		
incrassatum.	Torn-leaved		July
laciniatum.	Lobe-leaved		Aug: Ora:
lobatum major.	— Small var:		
— minor.	Black-flowered		June D.S.
melananthum.	Painted-flowered		May
pictum.	Fine-cut-leaved		July Ora:
prolificum.	Dotted-flowered		June D.S.
punctatum.	Rose-colored		May
roseum.	Milk Parsley-lvd:		
sellum.	Spatula-leaved		July D.S.
spathulatum.	Night-scented		Aug: Ora:
triste.	— Hemlock-lvd:		
— cossifolium.	— Dropwort-lvd:		
— filipendulæfol:	— Myrrh-lvd:		
— myrrhifolium.	— Burnet-lvd:		
— pimpinellæfol:	Tuberos-rooted		June Italy.
tuberosum.	With trailing Stems, or Stemless.		
alchimilloides.	Alchimilla-lvd:		Cut: July R.M. Ora: C.G.H.
anceps.	Flat-stalked		Seed
anemonifolium.	Anemone-leaved		Madeira.
australe.	Botany-Bay		N. Hol.
betonicum.	Betony-leaved		June C.G.H.

HERBACEOUS GREENHOUSE PLANTS.—Second Div. Sec. 3. 183

		Cl. Or. Prop. Flow. Soil. House. Country.	18. 4.
GERANIUM,	GERANIUM.		
bicolor major.	Two-color-flow'd:	Root July R.M. Ora:	C.G.H.
— minor.	— Small var:	— — — — —	— — — — —
b. blattarium.	Downy-leaved	Seed Jane — — — —	D.S. — — — —
caneadense.	Whitish-leaved	— — — — —	— — — — —
b. coriandrifolium.	Coriander-leaved	— — — — —	Ora: — — — —
coronepifolium.	Buck's-horn-lvd:	— — — — —	D.S. — — — —
crenatum.	Scolloped-leaved	Cut: — — — — —	Ora: N. Hol.
elegans.	Thick Round-lvd:	— May — — — —	D.S. C.G.H.
glomeratum.	Crowded-flow'd:	Seed — — — — —	Ora: N. Hol.
grosularifolium.	Gooseberry-lvd:	— — — — —	C.G.H.
hymenodes.	Transparent-fld:	— Apr: — — — —	Barbary.
incanum.	Hoary	— July — — — —	C.G.H.
incarnatum.	Pheasant's-eyed	Cut: — — — — —	D.S. — — — —
inconspicuum.	Smallest-flow'd:	Seed June — — — —	Ora: — — — —
b. lacerum.	Ragged-leaved	— July — — — —	— — — — —
— nig: dot:	— Black-marked	— — — — —	— — — — —
— mollissimum.	Softest-leaved	— — — — —	N. Hol.
odoratissimum.	Nutmeg	— Jane — — — —	C.G.H.
ovale.	Oval-leaved	— Aug: — — — —	D.S. — — — —
procumbens.	Creeping	— July — — — —	— — — — —
pulegium.	Pennyroyal-scented	— — — — —	Ora: — — — —
quinquevalnerum	Armstrong's	Cut: Aug: — — — —	D.S. — — — —
Richardi.	Dwarfest	Root July P.L. Ora:	Minorca.
sericeum.	Silky	Seed — — — — —	R.M.D.S. C.G.H.
tabulare.	Table Mountain	— — — — —	Ora: — — — —
GNAPHALIUM,	EVERLASTING.	19. 2.	
crispum.	Curled-leaved	Cut: June S.P. Ora:	C.G.H.
latifolium.	Broad-leaved	— July — — — —	— — — — —
odoratissimum.	Sweet-scented	— Aug: — — — —	— — — — —
orientale.	Oriental	— — — — —	Lexant.
patulum.	Spreading	— — — — —	C.G.H.
rutilans.	Shining-flowered	— Jane — — — —	— — — — —
GOOD ENIA,	GOOSENIA.	5. 1.	
calendulacea.	Calendula-like	Cut: Aug: S.P. Ora:	N. Hol.
hevigata.	Smooth-leaved	— July — — — —	Con: — — — —
GRIELUM,	GRIELUM.	10. 3.	
tenuifolium.	Slender-leaved	Root May P.L. Ora:	C.G.H.
GUNNERA.	GUNNERA.	20. 2.	
perpensa.	Caltha-leaved	Root July P.L. Ora:	C.G.H.
HEMEROCALLIS,	DAY-LILY.	6. 1.	
japonica.	White-flowered	Root Nov: P.L. Sin:	China.
HYOSCYAMUS,	HENBANE.	5. 1.	
b. aureus.	Golden	Seed June R.M. Ora:	Lexant.
HYPERICUM,	ST. JOHN'S WORT.	12. 4.	
serpillifolium.	Thyme-leaved	Cut: July R.M. Ora:	Lexant.
tomentosum.	Woolly-leaved	— — — — —	S. Eu.
IRIS,	IRIS.	3. 1.	
sinbiata.	Chinese	Root June P.L. Sin:	China.
IXIA,	IXIA.	3. 1.	
fruticosa.	Shrubby	Cut: Aug: S.P. D.S.	C.G.H.

184 HERBACEOUS GREENHOUSE PLANTS.—*Second Div. Sec. 3.*

		Cl. Or.	Prop.	Flow.	Soil.	House.	Country.
KNOWLTONIA, rigida. vesicatoria.	KNOWLTONIA. Thick-leaved Blistering	13. 6.	Seed	Apr:	P.L.	Ora:	C.G.H.
LANARIA, plumosa.	LANARIA. Woolly	6. 1.	Cut:	Aug:	S.P.	D.S.	C.G.H.
LEPECHINIA, spicata.	LEPECHINIA. Spike-flowered	14. 1.	Cut:	July	S.P.	Ora:	Mexico.
LEPIDIUM, divaricatum. subulatum.	PEPPER-WORT. Close-spiked Awl-leaved	15. 1.	Seed	June	P.L.	Ora:	C.G.H.
LIATRIS, elegans. odoratissima.	LIATRIS. Hairy-cupt Sweet-scented	19. 1.	Root	Sept:	S.P.	Ora:	N. Am.
LIMEUM, africanum.	LIMEUM. African	7. 2.	Root	June	S.P.	D.S.	C.G.H.
LINUM, flavum. suffruticosum.	FLAX. Yellow Shrubby	5. 5.	Cut:	June	P.L.	Ora:	S. Ev. Spain.
LOBELIA, bellidifolia. bicolor.	LOBELIA. Daisy-leaved Two-colored	5. 1.	Cut:	July	S.P.	Ora:	C.G.H.
b. coronopifolia.	Buck's-horn-lvd:		Seed				
crenata.	Notch'd-leaved		Cut:				
hirsuta.	Hairy-leaved						
b. lutea.	Yellow-flowered		Seed				
minuta.	Smallest		Root				
pubescens.	Downy						
nnidentata.	One-tooth'd-lvd:						
LOTUS, australis. creticus. hirsutus.	LOTUS. New Holland Silver-leaved Hairy	17. 4.	Cut:	June	P.L.	Ora:	N. Hol. Levant. S. Ev.
LYCHNIS, coronata.	LYCHNIS. Chinese	10. 5.	Cut:	July	P.L.	Sin:	China.
MANULEA, tomentosa.	MANULEA. Downy	14. 2.	Cut:	July	S.P.	D.S.	C.G.H.
MARRUBIUM, acetabulosum. africanum.	WHITE HOREHOUND. Saucer-leaved African	14. 1.	Cut:	June	P.L.	Ora:	Candia. C.G.H.
MELISSA, cretica. fruticosa.	BALM. Cretan Shrubby	14. 1.	Root	Jane	R.M.	Ora:	S. Ev.
MONSONIA, filia. lobata. speciosa.	MONSONIA. Fine-cut-leaved Lobed-leaved Shewy	16. 6.	Cut:	Sept:			Spain.
MORÆA, iridioides. vegeta.	MORÆA. Sword-leaved Equal-flowered	3. 1.	Root	June	P.L.	Ora:	C.G.H.
OENOTHERA, glauca. maculata.	OENOTHERA. Sea-green-leaved Spotted-leaved	8. 1.	Seed	July	S.P.	Ora:	N. Am.

HERBACEOUS GREENHOUSE PLANTS.—Second Div. Sec. 5. 185

			Cl. Or. Prop. Flow. Soil. House. Country.
ORNOTHEA,	ORNOTHEA.		8. 1.
missouriensis.	Missouri.	Seed June S.P. Ora:	N. Am.
villosa.	Villosa	-----	C.G.H.
ONONIS,	REST-HARROW.	17. 4.	
crispa.	Crisp'd-leaved	Seed July P.L. Ora:	Spain.
geminata.	Two-flowered	----- June -----	C.G.H.
natix.	Yellow-flowered	----- Aug: -----	S. Eu.
OPERCULARIA,	OPERCULARIA.	4. 1.	
aspera.	Rough-seeded	Seed Aug: S.P. Ora:	N. Hol.
paleata.	Chaffy-seeded	----- July -----	-----
ORIGANUM,	MARJORUM.	14. 1.	
Dictamnus.	Dictamn of Creta.	Cut: July R.M. Ora:	Candia.
b. Majorana.	Knotted	Seed June -----	Portugal.
synymum.	Smyrna	Cut: -----	Smyrna.
sipyleum.	Dictamn of Sipylus.	----- July -----	M. Sipyl.
PARDANTHUS,	PARDANTHUS.	3. 1.	
sinensis.	Chinese	Root July P.L. Sin:	China.
PATERSONIA,	PATERSONIA.	16. 1.	
sericea.	Silky	Root June S.P. D.S.	N. Hol.
PHORMIUM,	PHORMIUM.	6. 1.	
tenax.	New Zealand Flax.	Root Aug: S.P. Ora:	N. Hol.
PODOLEPIS,	PODOLEPIS.	19. 2.	
acuminata.	Sharp-scaled	Cut: July S.P. Ora:	N. Hol.
rugata.	Wrinkled-scaled	-----	-----
RESTIO,	ROPE GRASS.	22. 3.	
tectorum.	Thatch	Root May S.P. Ora:	C.G.H.
SARRACENIA,	SARRACENIA.	13. 1.	
adunca.	Hooked-leaved	Root July M.S. Ora:	N. Am.
flava.	Yellow-flowered	-----	-----
purpurea.	Purple-flowered	-----	-----
SILENE,	CATCHFLY.	10. 3.	
b. crassifolia.	Thick-leaved	Root Aug: P.L. Ora:	C.G.H.
— ornata.	Dark Red-flowd:	Seed June -----	-----
— undulata.	Waved-leaved	----- July -----	-----
SOWERBÆA,	SOWERBÆA.	6. 1.	
juncea.	Rush-like	Root June S.P. Con:	N. Hol.
STACHYS,	STACHYS.	14. 1.	
æthiopica.	Ethiopian	Cut: May P.L. Ora:	C.G.H.
b. coccinea.	Scarlet	----- July -----	S. Am.
STATICE,	THRIFT.	5. 5.	
flexuosa.	Zigzag-stalked	Seed July R.M. Ora:	Siberia.
mucronata.	Waved-leaved	Cut: -----	Barbary.
scabra.	Rough-branched	Seed June -----	C.G.H.
sinuata.	Scolloped-leaved	-----	Barbary.
STEVIA,	STEVIA.	19. 1.	
linearis.	Linear-leaved	Seed Aug: P.L. Ora:	Mexico.
purpurea.	Purple-flowered	-----	-----
salicifolia.	Willow-leaved	-----	-----
serrata.	Sawed-leaved	-----	-----
STYLIDIUM,	STYLIDIUM.	20. 2.	
graminifolium.	Grass-leaved	Seed Aug: S.P. Ora:	N. Hol.
TRICHOMANES,	TRICHOMANES.	24. 1.	
canariense.	Hare's-foot Fern.	Root July S.P. Ora:	Canaries.

186 HERBACEOUS GREENHOUSE PLANTS.—Second Div. Sec. 5.

		Cl. Or. Prop. Flow. Soil. House. Country.
TRITOMA,	TRITOMA.	6. 1.
<i>glauca.</i>	Glaucous-leaved	Root Oct: P.L. Ora: C.G.H.
<i>sarmentosa.</i>	Creeping-rooted	—
<i>Uvaria.</i>	Great Orange-fld:	— July —
TROPÆOLUM,	NASTURTIUM.	8. 1.
b. <i>majus pleno aur:</i>	Great Dble: Orange	Cut: July R.M. Ora: Peru.
— <i>coc:</i>	— Scarlet	—
<i>pennatum.</i>	Fringed-flowered	—
<i>peregrinum.</i>	Canarybird Plant.	Seed Sept: — — Canaries.
VERBENA,	VERVAIN.	14. 2.
b. <i>Aubletia.</i>	Rose-colored	Seed Aug: R.M. Ora: Mexico.
WILLDENOWIA,	WILLDENOWIA.	22. 3.
<i>teres.</i>	Rush-like	Root July S.P. Ora: C.G.H.
WITSENIA,	WITSENIA.	3. 1.
<i>corymbosa.</i>	Corymbus-flowd:	Cut: July S.P. Ora: C.G.H.
<i>maura.</i>	Large-flowered	— Aug: — D.S. —
XEROTES,	XEROTES.	22. 6.
<i>longifolia.</i>	Long-leaved	Root July S.P. Ora: N. Hol.
<i>rigida.</i>	Stiff-leaved	—
XYRIS,	XYRIS.	3. 1.
<i>operculata.</i>	Cap-fruited	Seed Aug: S.P. Ora: N. Hol.
ZAMIA,	ZAMIA.	22. 12.
<i>spiralis.</i>	Spiral	Seed Nov: S.P. D.S. N. Hol.

INDEX GENERUM

TO

THE GREENHOUSE PLANTS.—DIVISION II.

A.		B.		C.	
Achillea	- 179	Aster	117, 180	Calceolaria	- 180
Acrostichum	- ib.	Astragalus	- 180	Calendula	- 119
Adelia	- 115	Astroloma	- 117	Calla	- 180
Adiantum	- 179	Athanasia	- ib.	Callicarpe	- 120
Agapanthus	- ib.	Atraphaxis	- ib.	Callicoma	- ib.
Agave	- 164	Atragene	- ib.	Callistachis	- ib.
Aitonia	- 115	Atriplex	- ib.	Calothamnus	- ib.
Aizoon	- 164	Atropa	- ib.	Camellia	- ib.
Albuca	- 172	Azalea	- ib.	Campanula	120, 180
Aloe	- 164			Camphorosma	- 120
Alonsoa	- 115			Canarina	- 180
Alstroemeria	- 179	Babiana	- 173	Capparis	120, 180
Amaryllis	- 173	Baccharis	- 118	Capraria	- 120
Amellus	- 115	Bækia	- ib.	Carduus	- ib.
Amorpha	- 116	Banksia	- ib.	Carthamus	- 121
Amyris	- ib.	Bauera	- ib.	Cassia	- ib.
Anagallis	- 179	Beaufortia	- ib.	Casuarina	- ib.
Anagallis	- 116	Berberis	- ib.	Ceanothus	- ib.
Anchusa	- ib.	Bignonia	- 162	Celastrus	- ib.
Andersonia	- ib.	Billardiera	- ib.	Celaia	- 180
Andromeda	- ib.	Blæria	- 118	Celtis	- 121
Anigozanthus	- 179	Blandfordia	- ib.	Centaurea	- 180
Anthericum	165, 173	Blechnum	- 180	Cerantonia	- 121
Anthocercis	- 116	Borbonia	- 118	Cestrum	- ib.
Antholyza	- 173	Boronia	- ib.	Cheiranthus	- ib.
Anthospermum	- 116	Bosea	- ib.	Chironia	- ib.
Anthyllis	116, 179	Bossiaea	- ib.	Choryzema	- ib.
Antirrhinum	- 179	Bouvardia	- 119	Chrysanthemum	121, 181
Aotus	- 116	Brachysema	- ib.	Chrysocoma	- 121
Aphyllanthes	- 179	Brunia	- ib.	Cineraria	122, 181
Araucaria	- 116	Bryonia	- 169	Cissampelos	- 163
Arbutus	- ib.	Bryophyllum	165	Cissus	- ib.
Arctotis	116, 179	Bubon	- 119	Cistus	- 123
Ardisia	- 116	Buchnera	- ib.	Citrus	- ib.
Arduinia	- ib.	Buddlea	- ib.	Clematis	- 163
Argemone	- 189	Buonapartia	- 165	Clerodendron	- 123
Aristolochia	- 163	Bupleurum	- 119	Clethra	- ib.
Aristea	- 180	Bupthalmum	- ib.	Cliffortia	- ib.
Arthropodium	- ib.	Bursaria	- ib.	Clytia	- 124
Arum	- ib.	Burtonia	- ib.	Cneorum	- ib.
Asclepias	116, 162	Byatropogon	- ib.	Cobæa	- 163
Ascyrum	- 117			Colutea	- 124
Aspalathus	- ib.			Commelina	- 181
Asparagus	117, 161			Convolvulus	124, 181

Lagerstroemia	- 145	Moræa	- 177, 184	Pomaderris	- 152
Lamarkia	- ib.	Myrica	- 149	Portulacaria	- 170
Lambertia	- ib.	Myrsine	- ib.	Poterium	- 152
Lanaria	- 184	Myrtus	- ib.	Prasium	- ib.
Lantana	- 145			Protea	- 153
Lasiopetalum	- ib.	N.		Psoralea	- 155, 163
Lavandula	- ib.	Nandina	- 149	Pteronia	- 156
Lavatera	- ib.	Nerium	- ib.	Pultenaea	- ib.
Lanrophyllum	- ib.	Notalea	- ib.	Punica	- ib.
Lanrus	- ib.			Pyrus	- ib.
Lebeckia	- ib.	O.			
Lepechinia	- 184	Ochna	- 149	R.	
Lepidium	- ib.	Oedera	- ib.	Raumuria	- 156
Leptospermum	- 145	Oenothera	- 184	Relbania	- ib.
Leucopogon	- 146	Olea	- 150	Restio	- 165
Leysera	- ib.	Ononis	- 185	Rhamnus	- 156
Liatris	- 184	Opercularia	- ib.	Rhus	- ib.
Lightfootia	- 146	Origanum	- ib.	Roeila	- ib.
Linum	- 184	Ornithogalum	- 177	Rosa	- ib.
Linum	- 146, 184	Osteospermum	- 150	Royena	- 157
Liparia	- 146	Othona	- ib.	Rumex	- ib.
Lobelia	- 146, 184	Oxalis	- 177	Ruscus	- ib.
Loddigesia	- 146	Oxylobium	- 150	Ruta	- ib.
Lomatia	- ib.				
Lonicera	- 163	P.		S.	
Lotus	- 146, 184	Pæonia	- 150	Salicornia	- 170
Lychnis	- 184	Pardanthus	- 185	Salvia	- 157
Lycium	- 146	Parietaria	- 150	Sarracenia	- 185
		Passerina	- ib.	Satureja	- 157
M.		Passiflora	- 163	Scabiosa	- ib.
Magnolia	- 146	Patersonia	- 185	Scævola	- ib.
Mahernia	- 147	Penæa	- 150	Schinus	- ib.
Malva	- ib.	Periploca	- 163	Schisandra	- 163
Manulea	- 184	Persoonia	- 150	Schlerothamnus	- 157
Marrubium	- 147, 184	Petrophila	- 151	Schotia	- ib.
Massonia	- 177	Phaseolus	- 163	Scilla	- 178
Medeola	- 163	Phlomis	- 151	Scottia	- 157
Medicago	- 147	Phormium	- 185	Sedum	- 170
Melaleuca	- ib.	Phyllis	- 151	Sempervivum	- ib.
Melanthium	- 177	Phyllis	- ib.	Selago	- 158
Melasphecula	- ib.	Pimelia	- ib.	Senecio	- ib.
Melia	- 147	Pinckneya	- ib.	Septas	- 171
Melanthus	- ib.	Pinus	- ib.	Serissa	- 158
Melissa	- 184	Pistacia	- ib.	Sideritis	- ib.
Mesembryanthemum	- 167	Pittosporum	- ib.	Sideroxylon	- ib.
Metrosideros	- 147	Platylobium	- 152	Silene	- 185
Mimosa	- 148	Plectranthus	- ib.	Smilax	- 163
Mimulus	- 149	Podalyria	- ib.	Sinapis	- 158
Mirbelia	- ib.	Podalepis	- 185	Solanum	- ib.
Monsonia	- 184	Podolobium	- 152	Sonchus	- ib.
Montinia	- 149	Pogonia	- 152, 163	Sophora	- ib.
		Polygala	- 152	Sowerbæa	- 185

<i>Spermannia</i>	- 158	<i>Tecium</i>	- 160	<i>Urtica</i>	- 160
<i>Spartium</i>	- ib.	<i>Thuja</i>	- ib.	<i>Usteria</i>	- 163
<i>Sphaerolobium</i>	- 159	<i>Tigridia</i>	- 178		
<i>Sprengelia</i>	- ib.	<i>Trachelium</i>	- 160	W.	
<i>Stachys</i>	- 159, 185	<i>Trichomanes</i>	- 186	<i>Westringia</i>	- 161
<i>Stahelina</i>	- 159	<i>Tristania</i>	- 160	<i>Whachendorfia</i>	- 178
<i>Statice</i>	- 159, 185	<i>Tritoma</i>	- 186	<i>Willdenowia</i>	- 185
<i>Stenochylus</i>	- 159	<i>Tropaeolum</i>	- ib.	<i>Witsenia</i>	- ib.
<i>Stevia</i>	- 185	<i>Tulbagia</i>	- 178	<i>Wurmbea</i>	- 178
<i>Stoebe</i>	- 159	<i>Tulipa</i>	- ib.		
<i>Struthiola</i>	- ib.			X.	
<i>Stylidium</i>	- 159, 185	V.		<i>Xanthorrhæa</i>	- 171
<i>Styphelia</i>	- 159	<i>Vaccinium</i>	- 160	<i>Xeranthemum</i>	- 161
<i>Swainsona</i>	- ib.	<i>Veltheimia</i>	- 178	<i>Xerotis</i>	- 185
		<i>Verbena</i>	- 160, 185	<i>Xylomelum</i>	- 161
T.		<i>Vereia</i>	- 171	<i>Xyris</i>	- 185
<i>Talinum</i>	- 171	<i>Veronica</i>	- 160		
<i>Tamus</i>	- 163	<i>Viburnum</i>	- ib.	Y.	
<i>Tanacetum</i>	- 159	<i>Viminaria</i>	- ib.	<i>Yucca</i>	- 171
<i>Tarconanthus</i>	- 160	<i>Viola</i>	- ib.		
<i>Taxus</i>	- ib.	<i>Vitex</i>	- 161	Z.	
<i>Telopia</i>	- ib.			<i>Zamia</i>	- 185
<i>Templetonia</i>	- ib.	U.		<i>Zieria</i>	- 161
<i>Tetradlea</i>	- ib.	<i>Ulmus</i>	- 161	<i>Zygophyllum</i>	- ib.
<i>Tetragonia</i>	- 171	<i>Urena</i>	- ib.		

ENGLISH INDEX.

TO

THE GREENHOUSE PLANTS.—DIVISION II.

A.		Cape Aster . . . 122	H.
Adam's-Needle . . . 171		Cape Jasmine . . . 137	Hare's-ear . . . 183
Aderno-Tree . . . 116		Caper . . . 120, 162	Hare's-foot Fern . . . 185
African Almond . . . 119		Carob-Tree . . . 121	Hassagay-Tree . . . 124
African Blue Lily . . . 179		Carolina Bay . . . 145	Hawthorn . . . ib.
African Fleabane . . . 160		Catchfly . . . 185	Heath . . . 128
African Ragwort . . . 150		Cat Thyme . . . 160	Henbane . . . 183
Alexandrian Laurel . . . 163		Cedar of Goa . . . 124	Holly . . . 144
Amber-Tree . . . 116		Chaste-Tree . . . 161	Honeysuckle . . . 163
Anisced-Tree . . . 114		Citron . . . 123	Honeyflower . . . 147
Arbor Vitæ . . . 160		Cochineal Fig . . . 166	Horseshoe Vetch . . . 142
B.		Colpoon-Tree . . . 121	Hottentot Cherry . . . 121
Balm . . . 184		Corn-Flag . . . 174	Hottentot Fig . . . 168
Balm of Gilead . . . 126		Creeping Cereus . . . 166	Houseleek . . . 170
Balsam-Tree . . . 116		Cripple Boom . . . 153	Hyacinth . . . 175
Barberry . . . 118		Crowberry . . . 126	
Bastard Hare's-ear . . . 151		Cumberland-Tree . . . 123	I.
Bastard Indigo . . . 116		Cypress-Tree . . . 124	Ilex-ld: Jasmine . . . 145
Bead-Tree . . . 147			Indian Fig . . . 166
Bean Caper . . . 161		D.	Indigo . . . 144
Bean Trefoil . . . 116		Day Lily . . . 183	Iron-wood . . . 158
Bell-Flower . . . 120, 180		Dittany of Crete . . . 185	Iron-wort . . . ib.
Bermuda Cedar . . . 144		Dittany of Syphilus . . . ib.	
Bindweed . . . 124, 162, 181		Dragon's-Head . . . 126	J.
Bird's-foot Trefoil . . . 146			Jacobæa Lily . . . 172
Birthwort . . . 162		E.	Japan Rose . . . 120
Black Bryony . . . 163		Elephant's-Foot . . . 163	Jasmine . . . 144, 163
Bladder Senna . . . 124		Elm . . . 161	Juniper . . . 144
Botany-bay Tea . . . 146		Everlasting . . . 161, 183	Jupiter's-Beard . . . 116
Box-Thorn . . . ib.			
Broom . . . 158		F.	K.
Brown Gum-Tree . . . 136		Fig Marygold . . . 167	Kangaroo Vine . . . 162
Bryony . . . 162		Flat Pea . . . 152	Kidney Bean . . . 163
Buck-Thorn . . . 156		Flax . . . 146, 184	Kidney Vetch . . . 116, 179
Bugloss . . . 116		Flea-bane . . . 124	
Burnet . . . 152		Forbidden-Fruit . . . 125	L.
Batcher's Broom . . . 163		Foxglove . . . 125	Lavender . . . 145
C.			Lemon . . . 123
Camphire . . . 145		G.	Lily Pink . . . 179
Canary Bell-flower . . . 180		Germander . . . 160	Lime . . . 123
Canary-bird Plant . . . 186		Glass-wort . . . 170	Lion's-Tail . . . 151
Candleberry Myrtle . . . 149		Golden-rod-Tree . . . 118	Loblolly Bay . . . 142
Candytuft . . . 144		Goldy Locks . . . 121	
		Groundsel . . . 158	M.
		Guernsey Lily . . . 172	Macedonian Parsley . . . 180

Maidenhair . . . 129	Pine-Tree . . . 151	St. Andrew's Cross 117
Malabar Nut . . . 144	Pink . . . 125, 181	St. John's Wort 143, 183
Mallow . . . 147	Pistachio-Nut . . . 151	Stock . . . 131
Mandarin Orange 123	Plank-Plant . . . 118	Stonecrop . . . 170
Marjorum . . . 185	Poison-Tree . . . 121	Strawberry-Tree 116
Marygold . . . 119	Pomegranate . . . 156	Sumach . . . 156
Mastic-Tree . . . 151	Purslane-Tree . . . 170	Swallow-wort 116, 162
Medick . . . 147		Sweet Bay . . . 145
Medusa's-Head . . . 167	R.	Sweet Tea . . . 163
Milfoil . . . 179	Red Gum-Tree . . . 186	
Milk Vetch . . . 180	Red Lack-Tree . . . 156	T.
Milk-wort . . . 152	Rest-Harrow . . . 185	Tanjarine . . . 123
Monkey-Flower . . . 149	Rock Rose . . . 122	Tansey . . . 159
Moon Trefoil . . . 147	Rope Grass . . . 163	Thistle . . . 120
Mule's Fern . . . 180	Rose . . . 156	Thrift . . . 159, 185
	Royal Bay . . . 145	Throat-wort . . . 160
N.	Rue . . . 157	Tiger-Flower . . . 178
Nasturtium . . . 186	S.	Torch-Thistle . . . 166
Navel-wort . . . 166	Sage . . . 157	Trumpet-Flower . . . 162
Nettle . . . 161	Samphire . . . 167	Tuberose . . . 178
Nettle-Tree . . . 121	Savory . . . 157	Turnsole . . . 142
New-Zealand Flax 185	Scarlet Cofatea . . . 124	
Nightshade . . . 158	Shaddock . . . 123	V.
Norfolk Isl: Pine 116	Shrubby Horsetail 127	Vervain . . . 160, 186
	Silver Tree . . . 153	Violet . . . 160
O.	Snapdragon . . . 179	Viper's Bugloss . . . 125
Oleaster . . . 126	Sorrel . . . 157	
Oleander . . . 149	South-Sea Tea . . . 144	W.
Olive . . . ib.	Sow Thistle . . . 158	Wampee-Tree . . . 124
Olive-wood . . . 126	Spanish Hedgnettle 152	Warratah . . . 160
Orache . . . 117	Spanish Nut . . . 175	Widdow-wail . . . 124
Orange . . . 122	Sparrow-wort . . . 150	White Horehound 147,
Ox-eye . . . 119	Speedwell . . . 160	184
	Spindle-Tree . . . 136	White Poly . . . 160
P.	Spleenwort . . . 180	Whortle-berry . . . ib.
Passion-Flower . . . 163	Spurge . . . 186, 137	Wooden Pear-Tree 161
Pellitory . . . 150	Squill . . . 178	Wood Sorrel . . . 177
Pennyroyal-Tree 157	Sir J. Banks's Pine 116	
Pepper-wort . . . 184	Staff-Tree . . . 121	Y.
Peppermint-Tree 136	Star of Bethlehem 177	Yellow Gum . . . 171
Physic-Nut . . . 144	Star-wort . . . 117, 180	Yew-Tree . . . 169
Pimpernel . . . 179		

OBSERVATIONS, &c.

The annual process of removing, or, what is commonly termed, shifting potted Greenhouse Plants, should be performed in the month of April; but this, although a pretty general rule, has its exceptions.

Heaths which flower in Autumn, or the end of Summer, should be shifted in March—and those which flower in Spring, about August or September; this distinction may be readily made, by a reference to the Catalogue. New-Holland Plants, likewise, which are marked as tender, or requiring the Dry-Stove temperature, succeed best if shifted in August; the others from that Country, may be removed in Spring.

It is, unfortunately, an error too much in practice, when shifting potted plants, to use much larger pots than necessary; as it has been found by experience, that plants growing in pots are seldom healthy, if, after a certain time, the roots do not extend to, and press upon the sides of the pots; tender-rooted plants, requiring a considerable time to gain this, if placed in too large pots, the roots frequently rot, and the plant is destroyed, for want of such natural drain. A very small portion of fresh mould is sufficient to renovate the plant for the year.

Most potted plants require, besides the oyster-shell or tile which covers the hole at the bottom of the pot, a farther assistance of drain, to take off the superabundant moisture, which, frequently, would otherwise remain in the pot, after heavy rains, over-watering, or the incursions of worms.

A most essential object to be observed in shifting any potted plant, before placing it in its fresh pot, is, that the ball or mass of the roots should be well broke asunder to admit the fresh mould amongst them; but not to cut them over, as is frequently practised; for often, by this last method, the main root is cut off, and the plant destroyed:—if it is necessary to take away some roots, they must be cut out regularly from the mass.

 ERRATA IN DIVISION II.

- Page 115, line 27, *for* formed, *read* found.
 — 120, *leave out* *Capparis spinosa*.
 — 121, line 20, *after* *Ceanothus globosa*, *read* *N. Hol.*
 — 126, *before* *Dracocephalum canariense*, *put* *b.*
 — 126, line 50, *for* *Elæodendron*, *read* *Elæodendron*.
 — 131, — 35, *for* *languinosa*, *read* *lanuginosa*.
 — 134, — 44, *for* *simplicifolia*, *read* *simpliciflora*.
 — 137, — 39, *for* *Petandria*, *read* *Pentandria*.
 — 142, — last, *for* *Althæa-leaved*, *read* *Althæa-leaved*.
 — 156, — 31, *for* *oleioides*, *read* *oleoides*.
 — 161, *for* *Westringia*, *read* *Westringia*.
 — 162, line 17, *for* *Melocarpus*, *read* *Melocarpus*.

THE
JOURNAL
OF
THE
ROYAL ANTHROPOLOGICAL INSTITUTE
VOLUME 10
PART 1
1880

CONTENTS

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 1-100

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 101-200

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 201-300

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 301-400

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 401-500

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 501-600

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 601-700

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 701-800

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 801-900

THE ANTHROPOLOGY OF THE
INDIAN RACES OF NORTH AMERICA
BY
PROFESSOR H. H. HUTTON
OF THE UNIVERSITY OF CALIFORNIA
AND
OF THE MUSEUM OF NATURAL HISTORY
AT LOS ANGELES
PAGES 901-1000

THIRD DIVISION.

HOTHOUSE PLANTS.

Subdivided into Seven Sections:

- | | | |
|-----------------------------|----------------------------------------|------------------------------|
| 1. <i>Trees and Shrubs,</i> | 3. <i>Succulent Plants,</i> | 5. <i>Herbaceous Plants,</i> |
| 2. <i>Climbing Plants,</i> | 4. <i>Bulbs,</i> | 6. <i>Aquatics,</i> |
| | 7. <i>Scitamineæ, or Reedy Plants.</i> | |

As it is not necessary that all plants from tropical climates, and especially those from the continent of India, and mountainous parts of the Islands so situated, in the Atlantic or Indian Oceans, should be kept in the bark-bed; on the column next that in which the Country is indicated, those which require this treatment will be noted by M.H. Moist Heat; and those which do not require it, by D.H. Dry Heat.

For the regulation of the heat in the Hothouse, some degree of attention is necessary, as in winter it should not be below 60 degrees of Fahrenheit's thermometer; but in very severe weather, should be kept up to nearly 75, and this to prevent the impression of the external cold atmospheric air. During the three summer months, that is, July, August, and September, those plants which are not kept in the bark-bed may be removed into the Greenhouse, the others remaining in the Hothouse.

DIVISION III.—SECTION I.

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
ABROMA,	ABROMA.	18.	2.				
t. <i>angusta.</i>	Maple-leaved			Cut:	Aug:	L.P.D.H.	E. Ind.
ACHANIA,	ACHANIA.	16.	6.				
Malvaviscus.	Bastard Hibiscus.			Cut:	July	P.L.D.H.	W. Ind.
mollis.	Downy-leaved			—	—	—	S. Am.
ACHRAS,	ZAPOTA.	6.	1.				
t. <i>Mammosa.</i>	Mammeé			Cut:		R.M.D.H.	W. Ind.
— <i>Sapota.</i>	Common			—	—	—	—
ADONSONIA,	SOUR-GOURD.	16.	7.				
t. <i>digitata.</i>	Ethiopian			Seed		P.L.M.H.	Africa.
ADENANTHERA,	ADENANTHERA.	10.	1.				
t. <i>pavonina.</i>	Bast: Flowerfence.			Seed	July	S.P.M.H.	E. Ind.
AEGIPHILA,	AEGIPHILA.	4.	1.				
martiniensis.	Martinico			Seed	Nov:	P.L.M.H.	W. Ind.
ÆGLE,	ÆGLE.	13.	1.				
Marmelos.	Bengal Quince.			Seed		R.M.M.H.	E. Ind.
ÆSCHYNOMENE,	ÆSCHYNOMENE.	17.	4.				
grandiflora.	Great-flowered			Seed	Aug:	S.P.M.H.	E. Ind.

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
<i>ÆSCHYNOMENE</i> , sensitiva. Sesban.	<i>ÆSCHYNOMENE</i> . Sensitive Egyptian	17. 4.	Seed	July	S. P. M. H.	W. Ind. D. H.	Egypt.
<i>AFZELIA</i> , t. discolor. — grandis. — splendens.	<i>AFZELIA</i> . Two-colored Large-leaved Shewy	10. 1.	Root		P. L. M. H.	Africa.	
<i>ALLANTHUS</i> , t. excelsa.	<i>ALLANTHUS</i> . Indian	23. 1.	Root		S. P. D. H.	E. Ind.	
<i>ALANGIUM</i> , decapetalum.	<i>ALANGIUM</i> . Sage-leaved	13. 1.	Cut:	July	P. L. D. H.	E. Ind.	
<i>ALEURITES</i> , t. triloba.	<i>ALEURITES</i> . Candle-Tree.	21. 8.	Seed		R. M. M. H.	Otakeite.	
<i>ALLAMANDA</i> , cathartica. verticillata.	<i>ALLAMANDA</i> . Willow-leaved Whorl-leaved	5. 1.	Cut:	July	R. M. M. H.	Guinea. S. Am.	
<i>AMERINUM</i> , Brownii. Ebenus.	<i>AMERINUM</i> . Brown's Jamaica Ebony.	17. 4.	Out:		R. M. M. H.	W. Ind.	
<i>AMYRIS</i> , t. syriaca.	<i>AMYRIS</i> . Wild	8. 1.	Lay:	July	R. M. D. H.	S. Am.	
<i>ANACARDIUM</i> , t. occidentale.	<i>CASHEW-NUT</i> . Common	23. 1	Seed		R. M. M. H.	W. Ind.	
<i>ANNONA</i> , hexapetala. t. glabra. — muricata. — palustris. — palludosa. — reticulata. — squamosa. — tripetala.	<i>CUSTARD-APPLE</i> . Long-leaved Smooth Sour-Sop. Alligator-Apple. Marsh Netted Sugar-Apple. Broad-leaved	13. 6.	Seed	July	R. M. D. H.	China. N. Am. W. Ind. S. Am.	
<i>ANTIDESMA</i> , t. alexiteria. — paniculata.	<i>ANTIDESMA</i> . Laurel-leaved Panicle-flowered	22. 5.	Cut:	May	P. L. D. H.	E. Ind.	
<i>ARALIA</i> , capitata.	<i>ARALIA</i> . Cluster-flowered	5. 3.	Cut:	Aug:	P. L. D. H.	W. Ind.	
<i>ARDISIA</i> , acuminata. elegans. lateriflora. sinensis. solanacea.	<i>ARDISIA</i> . Tapered-leaved Scalloped-leaved Side-flowering Chinese Solanum-flowered	5. 1.	Cut:	Sept:	P. L. D. H.	Guinea. E. Ind. W. Ind. China. E. Ind.	
<i>ARECA</i> , t. Catechu. montana.	<i>ARECA</i> . Areca-nut Tree. Dwarf Mountain Cabbage Tree.	21. 8.	Seed		R. M. M. H.	E. Ind. W. Ind.	
<i>ARCTOCARPUS</i> , t. integrifolia.	<i>BREAD-FRUIT TREE</i> . Ica Tree.	21. 1	Out:		R. M. M. H.	Malabar.	
<i>ASCLEPIAS</i> , chrysantha. gigantea. parviflora.	<i>SWALLOW-WORT</i> . Bast: Ipecacuanha. Auricula-Tree. Small White-flwd:	5. 2.	Seed	July	R. M. M. H.	S. Am. E. Ind. N. Am.	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country
AUBLETIA, f. aspera.	AUBLETIA. Prickly-cupt	13. 1.	Cut:	P.L.	D.H.	Guinea.	
— Tibourbou.	Hairy		—	—	—	Brazil.	
AVERRHOA, f. Bilimbi.	AVERRHOA. Bilimbi-Tree.	10. 4.	Cut:	July	P.L.D.H.	E. Ind.	
— Carambola.	Carambola-Tree.		—	—	—	—	
BACTRIS, minor.	BACTRIS. Lesser	21. 4.	Seed	R.M.M.H.	S. Am.		
BÆOBOTRYS, indica.	BÆOBOTRYS. Indian	5. 1.	Seed	P.L.M.H.	E. Ind.		
BAMBUSA, arundinacea.	BAMBU. Common	6. 1.	Root	R.M.D.H.	E. Ind.		
BANISTERIA, chrysophylla.	BANISTERIA. Star-apple-lvd:	10. 3.	Cut:	R.M.M.H.	Brazil.		
— fulgens.	Shining-leaved		—	—	—	W. Ind.	
BARLERIA, cristata.	BARLERIA. Crested	14. 2.	Cut:	July	P.L.D.H.	E. Ind.	
— Prionitis.	Thorny		—	June	—	—	
BARRINGTONIA, f. speciosa.	BARRINGTONIA. Lanrel-leaved	16. 7.	Seed	R.M.D.H.	E. Ind.		
BASSIA, latifolia.	BASSIA. Broad-leaved	11. 1.	Cut:	P.L.M.H.	E. Ind.		
BAUHINIA, acuminata.	BAUHINIA. Pointed-leaved	10. 1.	Lay:	Aug:	P.L.M.H.	E. Ind.	
— anatomica.	Skeleton-leaved		Cut:	—	D.H.	—	
— candida.	Silvery-leaved		Seed	—	M.H.	—	
— divaricata.	Dwarf		—	July	—	W. Ind.	
— parvifolia.	Small-leaved		Lay:	—	M.H.	E. Ind.	
— porrecta.	Smooth-leaved		—	July	—	W. Ind.	
f. purpurea.	Purple		—	—	—	E. Ind.	
— tomentosa.	Downy-leaved		—	—	—	—	
BIGNONIA, f. alliacea.	TRUMPET-FLOWER. 14. 2.		Cut:	L.P.M.H.	W. Ind.		
— chelonoides.	Garlick-smelling		Root	—	—	E. Ind.	
f. indica.	Chetone-flowered		—	—	—	—	
— laurifolia.	Indian		Cut:	—	—	—	
f. Leucoxyton.	Lanrel-leaved		—	July	D.H.	W. Ind.	
— longissima.	Smooth five-lvd:		—	Aug:	M.H.	—	
— paniculata.	Waved-leaved		—	—	—	S. Am.	
f. pentaphylla.	Panicled		—	—	—	W. Ind.	
— procera.	Five-leaved		—	—	—	Guinea.	
— stans.	Box-leaved		—	—	—	S. Am.	
f. tomentosa.	Branching-flowd:		Seed	July	—	Japan.	
— triphylla.	Downy		Cut:	—	D.H.	—	
BIXA, Orellana.	Three-leaved	13. 4.	Root	—	M.H.	S. Am.	
BLAKEA, trinervia.	ANOTTA. Heart-leaved		Seed	Oct:	S.P.D.H.	W. Ind.	
BLIGHIA, f. sapida.	BLAKEA. Three-nerved-lvd:	11. 1.	Lay:	July	S.P. D.H.	W. Ind.	
BOCCONIA, frutescens.	BLIGHIA. Akee-Tree.	8. 1.	Seed	R.M.M.H.	Africa.		
	BOCCONIA. Shrubby	11. 1.	Seed	May	R.M.D.H.	Mexico.	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
BOMBAX,	SILK COTTON TREE.	16.5.					
t. Ceiba.	Five-leaved		Seed	P.L.	D.H.	E. Ind.	
— heptaphyllum.	Seven-leaved		—	—	—	S. Am.	
— pentandrum.	Five-stamened		—	—	—	E. Ind.	
BONTIA,	BONTIA.	14. 2.					
daphnoides.	Mezereon-leaved		Cut: June	P.L.	D.H.	W. Ind.	
BORASSUS,	BORASSUS.	22.6.					
t. flabelliformis.	Fan-leaved		Seed	R.M.	D.H.	Ceylon.	
BROSSIMUM,	BROSSIMUM.	22. 1.					
t. Alicastrum.	Bread-nut-Tree.		Cut:	R.M.	M.H.	W. Ind.	
— spurium.	Milk-Wood.		—	—	—	—	
BROWNEA,	BROWNEA.	16. 4.					
coccinea.	Scarlet-flowered		Lay: Aug:	R.M.	M.H.	W. Ind.	
BRUCEA,	BRUCEA.	22. 4.					
ferruginea.	African		Cut: May	P.L.	M.H.	Africa.	
BRUNFELSIA,	BRUNFELSIA.	14. 2.					
Americana.	Spear-leaved		Cut: July	R.M.	M.H.	W. Ind.	
latifolia.	Broad-leaved		—	—	—	—	
montana.	Oval-leaved		— July	—	—	—	
undulata.	Wave-flowered		— Aug:	—	—	—	
BUBROMA,	BASTARD CEDAR.	18. 2.					
t. Guazuma.	Elm-leaved		Cut:	P.L.	D.H.	W. Ind.	
BUCIDA,	BLACK OLIVE.	10. 1.					
t. Bucurus.	Jamaica Bark.		Cut: Aug:	R.M.	M.H.	W. Ind.	
BUMELIA,	BUMELIA.	5. 1.					
t. nigra.	Bastard Bully-Tree.		Cut:	R.M.	M.H.	W. Ind.	
BURSERA,	BURSERA.	23. 2.					
t. gummifera.	Jamaica Birch.		Seed	P.L.	M.H.	W. Ind.	
BUTEA,	BUTEA.	17. 4.					
t. frondosa.	Downy-branched		Seed	R.M.	D.H.	E. Ind.	
— superba.	Smooth-branched		—	—	—	—	
CÆSALPINEA,	BISILETTO.	10. 1.					
bijuga.	Broad-leaved		Seed	P.L.	D.H.	W. Ind.	
t. Sappan.	Narrow-leaved		—	—	—	E. Ind.	
CALLICARPA,	CALLICARPA.	4. 1.					
t. americana.	American		Cut:	S.P.	D.H.	N. Am.	
cana.	Malabar		—	—	—	E. Ind.	
macrophylla.	Broad-leaved		— Sept:	—	—	—	
CALOPHYLLUM,	CALOPHYLLUM.	13. 1.					
t. Calaba.	Calaba-Tree.		Cut:	P.L.	M.H.	W. Ind.	
CAMERARIA,	BASTARD MANGENEEL.	5. 1.					
angustifolia.	Narrow-leaved		Cut: Oct:	R.M.	M.H.	S. Am.	
dabia.	Yellow-flowered		— Nov:	—	—	—	
t. latifolia.	Broad-leaved		— Aug:	—	—	—	
CANELLA,	CANELLA.	11. 1.					
t. alba.	Laurel-leaved		Lay:	R.M.	M.H.	W. Ind.	
CAPPARIS,	CAPER.	13. 1.					
angustifolia.	Narrow-leaved		Cut:	R.M.	D.H.	W. Ind.	
cynopalophora.	Bay-leaved		—	—	—	—	
linearis.	Linear-leaved		—	—	—	—	
jamaicensis.	Jamaica		—	—	—	—	
trifoliata.	Three-leaved		—	—	—	—	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
CARICA,	PAPAW-TREE.	22. 9.					
<i>t.</i> Papaya.	Common		Seed	July	R.M.M.H.	<i>W. Ind.</i>	
CARISSA,	CARISSA.	5. 1.					
<i>t.</i> Carandas.	Jasmine-flowd:		Cut:	July	R.M.M.H.	<i>E. Ind.</i>	
<i>spinarum.</i>	Spiney			Sept:			
CAROLINEA,	CAROLINEA.	16. 7.					
<i>insignis.</i>	Great-flowered		Seed	P.L.M.H.	<i>Guinea.</i>		
<i>minor.</i>	Lesser		—	July			
<i>t.</i> princeps.	August					<i>Tobago.</i>	
CARYOTA,	CARYOTA.	21. 7.					
<i>t.</i> mitis.	Smaller		Seed	R.M.M.H.	<i>E. Ind.</i>		
<i>— arens.</i>	Larger						
CASSIA,	CASSIA.	10. 1.					
<i>alata.</i>	Broad-leaved		Seed	June	P.L.D.H.	<i>W. Ind.</i>	
<i>arborescens.</i>	Tree		—	July		<i>E. Ind.</i>	
<i>bicapsularis.</i>	Six-leaved		—	May		<i>W. Ind.</i>	
<i>biflora.</i>	Two-flowered		Cut:	Nov:			
<i>Fistula.</i>	Purging		Seed	Aug:		<i>E. Ind.</i>	
<i>ligustrina.</i>	Privet-leaved		—	July		<i>W. Ind.</i>	
<i>occidentalis.</i>	Occidental		Cut:	Aug:			
<i>tomentosa.</i>	Downy		Seed				
<i>viminea.</i>	Twiggy		Cut:				
CATESBÆA,	LILY THORN.	4. 1.					
<i>spinosa.</i>	Long-flowered		Cut:	Aug:	S.P.M.H.	<i>N. Am.</i>	
CECROPIA,	TRUMPET-TREE.	22. 2.					
<i>t.</i> peltata.	Shield-shpd:-lvd:		Cut:		P.L.M.H.	<i>W. Ind.</i>	
CEDEIRA,	BASTARD CEDAR.	5. 1.					
<i>t.</i> odorata.	Barbadoes		Seed		P.L. D.H.	<i>W. Ind.</i>	
CELTIS,	NETTLE-TREE.	23. 1.					
<i>aculeata.</i>	Thorny Jamaica		Cut:		P.L. D.H.	<i>Jamaica.</i>	
<i>micrantha.</i>	Smooth Jamaica		—	Aug:			
CERBERA,	CERBERA.	5. 1.					
<i>Abonai.</i>	Lance-leaved		Cat:	July	R.M.M.H.	<i>Brasil.</i>	
<i>laurifolia.</i>	Laurel-leaved		—	Aug:		<i>E. Ind.</i>	
<i>t.</i> Manghas.	Oleander-leaved		—	Sept:			
<i>Thevetica.</i>	Linear-leaved		—			<i>W. Ind.</i>	
CESTRUM,	CESTRUM.	5. 1.					
<i>angustifolium.</i>	Narrow-leaved		Cut:	July	P.L.D.H.	<i>W. Ind.</i>	
<i>diurnum.</i>	Day-smelling		—	Nov:			
<i>laurifolium.</i>	Laurel-leaved		—	Oct:			
<i>nocturnum.</i>	Night-smelling		—	Nov:			
<i>tomentosum.</i>	Downy		—	July		<i>S. Am.</i>	
<i>vespertinum.</i>	Cluster-flowered		—			<i>W. Ind.</i>	
CHAMÆDorea,	CHAMÆDorea.	22. 6.					
<i>gracilis.</i>	Slender		Suc:		R.M.M.H.	<i>S. Am.</i>	
CHAMÆROPS,	CHAMÆROPS.	23. 2.					
<i>histrix.</i>	Prickly		Seed		R.M.D.H.	<i>N. Am.</i>	
<i>humilis.</i>	Dwarf-fan Palm.		Suc:	Mar:		<i>S. Eu.</i>	
CHIOCOCCA,	SNOWBERRY BUSH.	5. 1.					
<i>racemosa.</i>	Branching		Cut:	Sept:	P.L.D.H.	<i>W. Ind.</i>	
CHLORANTHUS,	CHLORANTHUS.	4. 1.					
<i>inconspicuus.</i>	Tea-leaved		Suc:	July	P.L.D.H.	<i>China.</i>	

		Cl. Or. Prop. Flow. Soil. Place. Country.
CHOMELIA,	CHOMELIA.	4. 1.
apinosa.	Thorny	Cut: P.L.M.H. W. Ind.
CHRYSOBALANUS,	COCOA PLUM-TREE.	12. 1.
icaco.	Indian	Lay: R.M.M.H. W. Ind.
CHRYSOPHYLLUM,	STAR APPLE.	5. 1.
Cainito major.	Broad-leaved	Cut: June R.M.M.H. W. Ind.
— minor.	— Small var:	— — — — —
fuscum.	Brown-leaved	— — — — —
CICCA,	CICCA.	21. 3.
disticha.	Long-leaved	Cut: P.L.D.H. E. Ind.
CINCHONA,	CINCHONA.	5. 1.
caribaea.	Caribbean	Seed Sept: P.L.M.H. W. Ind.
CITHEREXYLLUM,	FIDDLE-WOOD.	14. 2.
t. cinereum.	Ash-colored	Cut: P.L.D.H. W. Ind.
— quadrangulare.	Square-stalked	— — — — —
sericeum.	Silky-leaved	— — — — —
villosum.	Hairy-leaved	— — — — —
CLERODENDRUM,	CLERODENDRUM.	14. 2.
fragrans.	Sweet-scented	Root Aug: S.P.D.H. China.
inermis.	Smooth	Cut: Sept: P.L. — E. Ind.
ligustrinum.	Privet-leaved	— — — — —
paniculatum.	Large Panicle	— — — — —
Siphonanthus.	Long-flowered	— — — — —
squarnatus.	Knappler's Scarlet	Root Aug: S.P.M.H. China.
viscosum.	Clammy	Cut: July — — E. Ind.
CAUSTIA,	BALSAM-TREE.	23. 1.
t. flava.	Yellow-flowered	Cut: Sept: R.M.M.H. W. Ind.
— rosea.	Rose-colored	Aug: — — — — —
COCCOLOBA,	SEA-SIDE GRAPE.	8. 3.
t. barbadiensis.	Barbadoes	Cut: R.M.M.H. W. Ind.
— excoriata.	Oval-leaved	— — — — —
— longifolia.	Long-leaved	— — — — —
— pubescens.	Dock-leaved	— — — — —
— punctata.	Spear-leaved	— — — — —
— tennifolia.	Narrow-leaved	— — — — —
✶ Urtica.	Round-leaved	— — — — —
COCOS,	COCOA-NUT TREE.	21. 6.
t. aculeata.	Prickly Pole.	Seed R.M.M.H. W. Ind.
— nucifera.	Common	— — — — —
CODERIUM,	CODERIUM.	12. 1.
nitidum.	Shining-leaved	Cut: P.L.M.H. E. Ind.
COFFEA,	COFFEE-TREE.	5. 1.
t. arabica.	Arabian	Seed Oct: R.M.D.H. Arabia.
COMOCLADIA,	MAIDEN-PLUM.	3. 1.
t. dentata.	Toothed-leaved	Cut: July P.L.M.H. W. Ind.
— integrifolia.	Entire-leaved	— — — — —
CONOCARPUS,	BUTTON-TREE.	5. 1.
erecta.	Upright	Cut: P.L.D.H. W. Ind.
CONYZA,	FLEA-BANE.	19. 2.
arborescens.	Tree-like	Cut: Aug: P.L.D.H. W. Ind.
odorata.	Sweet-scented	— Nov: — — — E. Ind.
COOKIA,	WAMPYRE-TREE.	10. 1.
t. punctata.	Dotted	Cut: July S.P.D.H. China.

		Cl. Or.	Prop. Flow.	Soil.	Place.	Country.
COPAIFERA,	BALSAM OF CAPEVI.	10.1.				
<i>t. officinalis.</i>	Officinal		Seed	R.M.M.H.	S. Am.	
CORCHORUS,	CORCHORUS.	13.1.				
<i>hirsutus.</i>	Woolly		Seed July	P.L.D.H.	W. Ind.	
CORDIA,	CORDIA.	5.1.				
<i>t. Collococca.</i>	Long-leaved		Cut:	P.L.M.H.	W. Ind.	
— <i>Gerascanthus.</i>	Spanish Elm.		— May	—	—	
<i>hirsuta.</i>	Hairy		— July	—	S. Am.	
<i>t. macrophylla.</i>	Broad-leaved		—	—	W. Ind.	
— <i>monoica.</i>	Birch-leaved		— May	—	E. Ind.	
— <i>Myxa.</i>	Smooth-leaved		—	—	—	
<i>Patagonula.</i>	Spear-leaved		— Aug:	—	S. Am.	
<i>Sebestena.</i>	Rough-leaved		— July	—	E. Ind.	
CORYPHA,	CORYPHA.	6.1.				
<i>t. umbraculifera.</i>	Great Fan Palm.		Seed	R.M.M.H.	E. Ind.	
CRATEVA,	CRATEVA.	10.1.				
<i>glauca.</i>	Sea-green-lyd:		Seed	R.M.M.H.	W. Ind.	
<i>gynandra.</i>	Thin-leaved		—	—	—	
<i>Tapia.</i>	Garlic Pear.		—	—	—	
CRESCENTIA,	CALABASH-TREE.	14.2.				
<i>t. cucurbitina.</i>	Broad-leaved		Cut:	R.M.M.H.	W. Ind.	
— <i>Cajeté.</i>	Narrow-leaved		—	—	—	
CROSSANDRA,	CROSSANDRA.	14.2.				
<i>undulata.</i>	Waved-leaved		Cut: July	P.L.D.H.	W. Ind.	
CROTALARIA,	CROTALARIA.	17.4.				
<i>paniculata.</i>	Panicled		Seed May	P.L.D.H.	E. Ind.	
<i>pulchra.</i>	Short-podded		— Apr.	—	—	
CROTON,	CROTON.	21.9.				
<i>angustifolium.</i>	Narrow-leaved		Lay:	P.L.M.H.	E. Ind.	
<i>aromaticum.</i>	Aromatic		Cut: Sept:	—	Ceylon.	
<i>Astroites.</i>	Woolly-leaved		— Aug:	—	W. Ind.	
<i>digitatum.</i>	Finger-leaved		—	—	Bourbon.	
<i>glabellum.</i>	Laurel-leaved		—	—	W. Ind.	
<i>glandulosum.</i>	Glandular		— July	—	—	
<i>lineare.</i>	Linear-leaved		— Aug:	—	—	
<i>pictum.</i>	Painted		—	—	E. Ind.	
<i>purgans.</i>	Purging		—	—	W. Ind.	
<i>sebiferum.</i>	Tallow-Tree.		Seed Sept:	D.H.	China.	
<i>variegatum.</i>	Variegated		Cut:	M.H.	E. Ind.	
CYCAS,	SAGO PALM.	22.12.				
<i>circinalis.</i>	Smooth-leaved		Suc:	R.M.D.H.	Java.	
<i>revoluta.</i>	Common		— July	—	E. Ind.	
CYLISTA,	CYLISTA.	17.4.				
<i>scariosa.</i>	Caromandel		Seed	P.L.D.H.	E. Ind.	
<i>villosa.</i>	Hairy		— May	—	—	
DALBERGIA,	DALBERGIA.	17.4.				
<i>t. arborea.</i>	Tree		Seed	P.L.D.H.	E. Ind.	
DATURA,	THORN-APPLE.	5.1.				
<i>arborea.</i>	Tree		Cut: Oct:	R.M.M.H.	Peru.	
DESMANTHUS,	DESMANTHUS.	23.1.				
<i>virgatus.</i>	Long-twiggd		Seed Sept:	P.L.M.H.	Jamaica.	
DILLENIA,	DILLENIA.	13.6.				
<i>speciosa.</i>	Large-flowered		Cut:	P.L.M.H.	E. Ind.	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Countryp.
DIMOCARPUS, Litchi. Longan.	LEE-CHEE. Rough-fruited Smooth-fruited	8. 1.	Lay:		R.M.M.H.	China.	
DIOSPYRUS, Kaki.	DATE-PLUM. Japan	23. 2.	Lay:		R.M.D.H.	Japan.	
DODONÆA, viscosa.	DODONÆA. Switch-Sorrel.	8. 1.	Cut:	July	P.L.D.H.	Jamaica.	
DRACÆNA, cernua.	DRACÆNA. Drooping-flowd:	6. 1.	Cut:	Aug	P.L. M.H.	E. Ind.	
f. DRACO. ferrea.	Dragon-Tree. Purple-leaved		Seed		D.H.	China.	
fragrans.	Sweet-scented		Root Apr:			Africa.	
marginata.	Aloe-leaved		Suc:	May		Bourbon.	
DURANTA, Ellisia. Plumieri.	DURANTA. Prickly Smooth	14. 2.	Cut:	Aug	P.L.D.H.	W. Ind.	
DURQIA, Eriopila.	DURQIA. Eatable	5. 1.	Seed		R.M.M.H.	Siam.	
EHRETIA, Beurrieria. tinifolia.	EHRETIA. Oval-leaved Laurustine-lyd:	5. 1.	Cut:		P.L.D.H.	Jamaica.	
ELÆOCARPUS, serratus.	ELÆOCARPUS. Sawed-leaved	13. 1.	Cut:		P.L.D.H.	E. Ind.	
ELÆODENDRON, orientale.	OLIVE-WOOD. Oriental	5. 1.	Cut:		P.L.D.H.	Morocco.	
ELAIS, guineensis. montana.	OLY PALM-TREE. Guinea Mountain	22. 6.	Seed		R.M.M.H.	Guinea. Jamaica.	
ELATE, sylvestris.	ELATE. Prickly-leaved	21. 6.	Suc:	May	R.M.M.H.	E. Ind.	
EMBRYOPTERIS, glutinifera.	EMBRYOPTERIS. Indian	22. 12.	Cut:	Oct:	P.L.D.H.	E. Ind.	
EPHIELIS, guianensis.	EPHIELIS. Ash-leaved	8. 1.	Cut:	Oct:	P.L. M.H.	Guinea.	
ERITHALIS, fruticosa.	ERITHALIS. Sweet-scented	5. 1.	Cut:	Aug:	P.L. D.H.	Jamaica.	
ERYTHRINA, carnea.	CORAL-TREE. Flesh-colored	17. 4.	Seed May		R.M.M.H.	S. Am.	
Corallodendron.	Spineless		July			Jamaica.	
Crista-Galli.	Cock's-comb		May			Brazil.	
incana.	White Downy-lyd:					S. Am.	
indica.	Oriental					E. Ind.	
picta.	Prickly-leaved		July				
rosa.	Rose-colored		May				
speciosa.	Splendid		Sept:				
EUGENIA, fragrans.	EUGENIA. Sweet-scented	12. 1.	Lay:	June	S.P.M.H.	Jamaica.	
Jambos.	Narrow-leaved		May			E. Ind.	
f. malaccensis.	Malay-Apple.		July				
uniflora.	One-flowered		Mar:		D.H.	Brazil.	
zeylanica.	Ceylon					Ceylon.	
EUPHORBIA, punicea.	SPURGE. Scarlet-bracted	11. 3.	Cut:	May	R.M.M.H.	Jamaica.	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
FAGARA,	FAGARA.	4. 1.					
Pterota.	Bast: Iron-wood.		Cut:	Sept:	P.L.M.H.	Jamaica.	
FERREOLA,	FERREOLA.	22. 6.					
buxifolia.	Bon-leaved		Lay:		P.L.M.H.	E. Ind.	
FICUS,	FIG-TREE.	23. 3.					
asperrima.	Rough-leaved		Cut:		P.L. D.H.	E. Ind.	
t. benghalensis.	Bengal		May				
— Benjamina.	Oval-leaved						
cordata.	Heart-leaved					C. G. H.	
t. coriacea.	Leathery-leaved					E. Ind.	
— costata.	Ribbed-leaved						
— elastica.	Indian-rubber-Tree.				M.H.		
— indica.	Banyan-Tree.						
infectoria.	Veiny-leaved						
lanceolata.	Lance-leaved				D.H.		
— lucida.	Shining-leaved						
nitida.	Glossy-leaved						
t. nymphaeifolia.	Water-Lily-lvd:				M.H.		
oppositifolia.	Opposite-leaved				D.H.		
pedunculata.	Willow-leaved				M.H.	S. Am.	
pumila.	Dwarf Chinese				D.H.	China.	
racemosa.	Clustered					E. Ind.	
t. religiosa.	Poplar-leaved						
— retusa.	Blunt-leaved						
stipulata.	Trailing					China.	
FLACOURTIA,	FLACOURTIA.	22. 11.					
Rhamontchi.	Shining-leaved		Cut:	July	P.L. D.H.	Madagascar.	
FLEMINGIA,	FLEMINGIA.	17. 4.					
semialata.	Many-spiked		Seed	July	P.L.D.H.	Nepul,	
GAERTNERA,	GAERTNERA.	10. 1.					
racemosa.	Bengal		Cut:	Apr:	P.L.M.H.	E. Ind.	
GALEGA,	GOAT'S-RUE.	17. 4.					
grandiflora.	Rose-colored		Cut:	July	P.L. D.H.	E. Ind.	
toxicaria.	Fish-Poison		Seed		M.H.	Surinam.	
villosa.	Villous			June	D.H.	E. Ind.	
GALIPHA,	GALIPHA.	2. 1.					
trifoliata.	Three-leaved		Cut:		P.L.M.H.	Guinea.	
GARCINIA,	MANGOSTEEN.	11. 1.					
— Mangostana.	Common		Lay:		R.M.M.H.	Java.	
GARDENIA,	GARDENIA.	5. 1.					
aculeata.	Round-leaved		Cut:	July	R.M.M.H.	Jamaica.	
dumetorum.	Bushy					E. Ind.	
latifolia.	Broad-leaved		Aug:				
longiflora.	Long-flowered		Nov:			Africa.	
— lucida.	Shining-leaved		July			W. Ind.	
micranthus.	Small-flowered		Aug:		D.H.	China.	
pavetta.	Laurel-leaved		June			E. Ind.	
pubescens.	Downy-leaved				M.H.		
radicans.	Creeping-rooted		July		D.H.	China.	
Randia.	Heart-leaved		Mar:		M.H.	W. Ind.	
spinosa.	Thorny		Nov:			Madag.	
theobromifolia.	Theobroma-lvd:					E. Ind.	
tubiflora.	Tube-flowered		Mar:			S. Am.	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
GARUGA, pinnata.	GARUGA. Winged-leaved	10. 1.	Seed		P.L.D.H.	E. Ind.	
GEOFFROYA, i. inermis.	GEOFFROYA. Spineless	17. 4.	Cut:		P.L.M.H.	Jamaica.	
GESNERIA, tomentosa.	GESNERIA. Downy	14. 2.	Cut:	July	P.L.D.H.	S. Am.	
GNETUM, Guemon.	GNETUM. Eatable	21. 8.	Cut:		P.L.M.H.	E. Ind.	
GOMPHIA, laevigata.	GOMPHIA. Obtuse-leaved	10. 1.	Cut:		P.L.M.H.	E. Ind.	
nitida.	Oval-leaved		—	—	—	Jamaica.	
GOSSYPIMUM, arborescens.	COTTON. Tree	17. 4.	Seed Aug:		S.P.M.H.	Africa.	
vitifolium.	Vine-leaved		— July	—	—	China.	
GOUANIA, domingensis.	GOUANIA. Chaw-stick	23. 1.	Cut:		P.L.M.H.	Domingo	
GREWIA, asiatica.	GREWIA. Asiatic	13. 1.	Cut:	Aug:	P.L.D.H.	E. Ind.	
velutina.	Downy-leaved		— Sept:	—	—	—	
GRIAS, t. cauliflora.	GRIAS. Anchovy-Pear.	13. 1.	Seed		R.M.M.H.	Jamaica.	
GRISLEA, tomentosa.	GRISLEA. Downy-leaved	8. 1.	Cut:	June	S.P.D.H.	China.	
GUAIACUM, t. officinale.	GUAIACUM. Official	10. 1.	Seed Aug:		R.M.M.H.	Cuba.	
GUAREA, t. Trichilioides.	GUAREA. Ash-leaved	8. 1.	Lay:		R.M.M.H.	S. Am.	
GUETTARDA, t. speciosa.	GUETTARDA. Great-flowered	21. 6.	Cut:		P.L.M.H.	E. Ind.	
GUILANDINA, Bonduc.	BONDUC. Common	10. 1.	Seed		S.P.M.H.	E. Ind.	
Bonducella.	Yellow-wooded		—	—	—	—	
GUSTAVIA, i. angusta.	GUSTAVIA. August	16. 7.	Cut:		R.M.M.H.	Surinam.	
HÆMATOXYLON, t. campechianum.	LOGWOOD. Campechy	10. 1.	Cut:		R.M.D.H.	S. Am.	
HAMELIA, pateus.	HAMELIA. Red-spreading	5. 1.	Cut:	July	P.L.M.H.	Domingo	
ventricosa.	Large-flowered		— Sept:	—	—	Jamaica.	
HEDYSARUM, b. gyrans.	HEDYSARUM. Moving Plant.	17. 4.	Seed Aug:		P.L.M.H.	E. Ind.	
pictum.	Painted		— Sept:	—	—	—	
strobiliferum.	Beech-leaved		— Sept:	—	—	—	
HELICTERES, t. baruensis.	SCREW-TREE. Small-fruited	16. 6.	Cut:	Sept:	P.L.M.H.	Isl. Bar.	
— Isora.	Great-fruited		— July	—	—	Jamaica.	
HELIOCARPUS, t. americana.	HELIOCARPUS. Feather'd-podded	11. 2.	Seed July		P.L.M.H.	Vera Cruz	
HERITIERA, t. littoralis.	LOOKING-GLASS PLANT. Sea-side	21. 8.	Cut:		P.L.D.H.	E. Ind.	
HERNANDIA, t. sonora.	JACK IN A BOX. Whistling	21. 3.	Seed		P.L.M.H.	W. Ind.	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
HIBISCUS,	HIBISCUS.	16. 7.					
f. <i>Abelmoschus.</i>	Musk Ochro.	Seed	Aug:	R.M.D.H.			W. Ind.
— <i>esculentus.</i>	Eatable Ochro.	—	July	—	—	—	—
— <i>ficulneus.</i>	Fig-leaved	Cut:	July	P.L.	—	—	Ceylon.
— <i>mutabilis.</i>	Changeable Rose.	—	Nov:	—	—	—	E. Ind.
— flo: pleno.	— Double-flowd:	—	—	—	—	—	—
— <i>Manihot.</i>	Palmated-leaved	—	Aug:	—	—	—	China.
— <i>phoeniceus.</i>	Small Purple-flowd:	—	—	—	—	—	E. Ind.
f. <i>populneus.</i>	Poplar-leaved	—	—	—	—	—	—
— <i>Rosa sinensis.</i>	China Rose.	—	Aug:	—	—	—	—
— flo: pleno.	— Double	—	—	—	—	—	—
— fl: pl: pallido.	— Double Buff	—	—	—	—	—	—
b. <i>Sabdariffa.</i>	Various-leaved	—	July	—	—	—	—
f. <i>tiliaceus.</i>	Lime-leaved	—	—	—	—	—	—
— <i>vitifolius.</i>	Vine-leaved	—	—	—	—	—	—
HILLIA,	HILLIA.	6. 1.					
— <i>longiflora.</i>	Long-flowered	Cut:	Apr:	R.M.M.H.			Jamaica.
HIPPOMANE,	MANCHINEEL TREE.	21. 8.					
f. <i>Mancinella.</i>	Common	Lay:		R.M.M.H.			W. Ind.
— <i>biglandulosa.</i>	Gum-Tree.	Cut:	—	—	—	—	—
HOLMSKIOLDIA,	HOLMSKIOLDIA.	14. 2.					
— <i>sanguinea.</i>	Scarlet	Cut:		P.L.D.H.			E. Ind.
HURA,	SANDBOX-TREE.	21. 8.					
f. <i>crepitans.</i>	Common	Seed		P.L.D.H.			W. Ind.
HYMENEA,	HYMENEA.	10. 1.					
— <i>Courbaril.</i>	Locust-Tree.	Seed		P.L.M.H.			Jamaica.
HYPERANTHERA,	HORSERADISH-TREE.	10. 1.					
f. <i>Moringa.</i>	Smooth	Seed		P.L.M.H.			E. Ind.
ICHTNOCARPUS,	ICHTNOCARPUS.	5. 1.					
— <i>frutescens.</i>	Shrubby	Cut:	Aug:	P.L.D.H.			E. Ind.
INOCARPUS,	OTAKEITE CHESTNUT.	10. 1.					
f. <i>edulis.</i>	Ratta Fruit.	Seed		R.M.M.H.			Otakeite.
IXORA,	IXORA.	4. 1.					
— <i>alba.</i>	White-flowered	Cut:	Oct:	P.L.M.H.			E. Ind.
— <i>blanda.</i>	Blush-flowered	—	July	—	—	—	—
— <i>coccinea.</i>	Scarlet-flowered	—	Aug:	—	—	—	—
— <i>pavetta.</i>	Small-flowered	—	Nov:	—	—	—	—
— <i>purpurea.</i>	Purple-flowered	—	July	—	—	—	—
JACQUINIA,	JACQUINIA.	5. 1.					
— <i>armillaris.</i>	Obtuse-leaved	Cut:		P.L.M.H.			W. Ind.
— <i>aurantiaca.</i>	Orange-flowered	—	Aug:	—	—	—	Sand. Ilds
— <i>ruscifolia.</i>	Butcher's-broom-lyd:	—	—	—	—	—	S. Am.
JATROPHA,	PHYSIC-NUT.	21. 8.					
— <i>Curcas.</i>	Angular-leaved	Seed	Oct:	R.M.M.H.			S. Am.
— <i>integerrima.</i>	Spicy	—	Sept:	—	—	—	Cuba.
— <i>Manihot.</i>	Cassava	—	Aug:	—	—	—	Jamaica.
— <i>multifida.</i>	French	—	—	—	—	—	S. Am.
— <i>panduræfolia.</i>	Fiddle-leaved	—	July	—	—	—	Cuba.
— <i>urens.</i>	Stinging	—	—	—	—	—	Brazil.
JONESIA,	JONESIA.	7. 1.					
— <i>pinnata.</i>	Winged-leaved	Lay:		P.L.M.H.			E. Ind.

		Cl.	Or.	Prop.	Flow.	Soil.	Place.	Country.
JUSTICIA.	JUSTICIA.	2.	1.					
Betonica.	Betony-leaved	Cut:	July	P.L.	D.H.			E. Ind.
bicolor.	Two-colored	—	Aug:	—	—	—	—	—
coccinea.	Scarlet-flowered	—	Mar:	—	M.H.			S. Am.
Ecbolium.	Long-spiked	—	Aug:	—	D.H.			E. Ind.
furcata.	Peruvian	—	July	—	—			Peru.
Gendarussa.	Willow-leaved	—	June	—	—			E. Ind.
Itbospermifolia.	Gromwell-leaved	—	Sept:	—	—			Peru.
lucida.	Shining-leaved	—	Aug:	—	M.H.			W. Ind.
lutea.	Yellow-flowered	—	July	—	—			—
nasuta.	White-flowered	—	—	—	D.H.			E. Ind.
nervosa.	Blue-flowered	—	—	—	—			—
nitida.	Glossy-leaved	—	—	—	—			W. Ind.
pectinata.	Small-flowered	—	June	—	—			E. Ind.
picta.	Painted-leaved	—	Aug:	—	M.H.			—
quadrifida.	Twiggy	—	July	—	—			Mexico.
secunda.	Side-flowering	—	—	—	—			W. Ind.
KLEINHOVIA.	KLEINHOVIA.	11.	3.					
Hospita.	Heart-leaved	Cut:	—	P.L.	M.H.			Java.
LAGERSTROMIA.	LAGERSTROMIA.	12.	1.					
reginae.	Oblong-leaved	Seed	—	P.L.	M.H.			E. Ind.
LANTANA.	LANTANA.	14.	3.					
aculeata.	Prickly	Cut:	July	P.L.	D.H.			W. Ind.
Camara.	Various-colored	—	—	—	—			—
involuta.	Round-leaved	—	June	—	—			—
melissifolia.	Balm-leaved	—	Aug:	—	—			—
mista.	Nettle-leaved	—	Oct:	—	—			—
odorata.	Sweet-scented	—	July	—	—			—
radula.	Rasp-leaved	—	—	—	—			—
scabrida.	Rough	—	Sept:	—	—			—
stricta.	Upright	—	July	—	—			—
LAURUS.	LAUREL.	9.	1.					
Cassia.	Cassia.	Cut:	July	S.P.	M.H.			E. Ind.
Cinnamomum.	Cinnamon.	Lay:	Jan:	—	—			Ceylon.
glauca.	Sea-green-leaved	—	—	—	—			China.
LAWSONIA.	LAWSONIA.	8.	1.					
inermis.	Smooth	Seed	—	S.P.	M.H.			Egypt.
spinosa.	Prickly	—	—	—	—			E. Ind.
LIMONIA.	LIMONIA.	10.	1.					
pentaphylla.	Five-leaved	Lay:	July	R.M.	M.H.			E. Ind.
LOUREIRA.	LOUREIRA.	22.	13.					
glandulosa.	Glandulous	Cut:	—	P.L.	D.H.			Mexico.
LYTHRUM.	LYTHRUM.	11.	1.					
fruticosum.	Shrubby	Cut:	Feb:	S.P.	D.H.			China.
MACROCNEMUM.	MACROCNEMUM.	5.	1.					
jamaicense.	Jamaica	Cut:	—	P.L.	M.H.			Jamaica.
MALPIGHIA.	BARBADOS CHERRY.	10.	3.					
angustifolia.	Narrow-leaved	Cut:	Sept:	P.L.	M.H.			W. Ind.
aquifolia.	Holly-leaved	—	Aug:	—	—			—
canescens.	Downy-leaved	—	—	—	—			—
crasifolia.	Thick-leaved	—	July	—	—			—
ferruginea.	Rusty-leaved	—	—	—	—			—

		Cl. Gr.	Prop.	Flw.	Soil.	Place.	Country.
MALPIGHIA,	BARBADOES CHERRY.						
glabra.	Smooth-leaved		Cut:	Mar:	P.L.M.H.	W. Ind.	
glandulifera.	Glandulous		—	May	—	—	—
lucida.	Shining		—	—	—	—	—
macrophylla.	Large-leaved		—	July	—	—	—
nitida.	Glossy-leaved		—	—	—	—	—
polystachia.	Many-spiked		—	May	—	—	—
panicifolia.	Pomegranate-ld:		—	—	—	—	—
urens.	Stinging		—	Oct:	—	—	—
MAMMEA,	MAMMEA.	23. 1.	Seed		R.M.M.H.	Jamaica.	
americana.	American						
MANGIFERA,	MANGO-TREE.	5. 1.	Seed	July	R.M.M.H.	Pegu.	
indica.	Common						
MELALEUCA,	MELALEUCA.	18. 4.	Cut:		S.P.D.H.	E. Ind.	
Leucadendron.	Aromatic						
MELASTOMA,	MELASTOMA.	10. 1.	Cut:		S.P.D.H.	Brazil.	
albicans.	Whitish		—	July	—	Africa.	
corymbosa.	Corymb-flow'd:		—	—	—	W. Ind.	
discolor.	Two-colored		—	—	—	—	
oleagnifolia.	Oleaster-leaved		—	—	—	—	
hirta.	Hairy		—	Oct:	—	—	
malabathrica.	Malabar		—	July	—	E. Ind.	
rubra.	Red		—	May	—	Gutrea.	
trinervia.	Three-nerved		—	July	—	Jamaica.	
MELHANIA,	MELHANIA.	16. 2.	Cut:	July	P.L. M.H.	St. Helen.	
Erythroxylon.	St. Hel: Red-wood.		—	Aug:	—	—	
Melanoxydon.	St. Helena Ebony.						
MELICocca,	MELICocca.	8. 1.	Cut:		R.M.M.H.	Saricam.	
bijuga.	Honey-berry.						
MELochia,	MELochia.	16. 2.	Cut:	July	P.L.M.H.	Brazil.	
pyramidata.	Pyramidal		—	May	—	W. Ind.	
tomentosa.	Downy						
MEMECYlon,	MEMECYlon.	8. 1.	Lay:	July	P.L.M.H.	Ceylon.	
capitellatum.	Ceylon						
MIMosa,	MIMosa.	23. 1.	Seed		P.L.D.H.	Cayenne.	
alba.	White		—	July	—	S. Am.	
asperata.	Bristly-podded		—	—	—	E. Ind.	
tesia.	Grey		—	—	—	C.G.H.	
5. cameleopardalis.	Namaqua		—	July	—	E. Ind.	
casta.	Chaste		—	—	—	—	
4. Catechu.	Medicinal		—	—	—	S. Am.	
Ocratonia.	Round-leaved		—	—	—	E. Ind.	
coccinna.	Neat		—	—	—	S. Am.	
3. cornigera.	Cuckold-Tree.		Cut:	—	—	E. Ind.	
dulcis.	Sappan-Fruit.		—	—	—	W. Ind.	
— farnesiana.	Sponge-Tree.		Seed	Aug:	—	S. Am.	
glauca.	Sea-green		—	—	—	E. Ind.	
grandiflora.	Large-flowered		Cut:	Sept:	M.H.	S. Am.	
4. Houstoni.	Houston's		—	Oct:	D.H.	S. Am.	
inga.	Inga-Tree.		—	Aug:	M.H.	W. Ind.	
Instia.	Angular-stalked		Seed	—	D.H.	E. Ind.	
latifolia.	Broad-leaved		—	May	—	W. Ind.	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
MIMOSA,	MIMOSA.	23. 1.					
latisiliqua.	Broad-podded	Cut:	Sept:	P.L.D.H.			W. Ind.
Lebbeck.	Egyptian	Seed					Egypt.
mollis.	Soft						S. Am.
<i>f.</i> nilotica.	Gum-Arabic-Tree.		July				Africa.
— odoratissima.	Fragrant						E. Ind.
pinnata.	Fine-leaved						
purpurea.	Soldier Bush.	Cut:	May		M.H.		Jamaica.
sensitiva.	Sensitive Plant.	Seed	Aug:				
<i>b.</i> tamarindifolia.	Tamarind-leaved				D.H.		
Unguis Cati.	Four-leaved						
virgata.	Long-twigged		July				
MIMUSOPS,	MIMUSOPS.	8. 1.					
<i>f.</i> Elingi.	Pointed-leaved	Cut:		P.L.M.H.			E. Ind.
— Kauki.	Obtuse-leaved						
MONETIA.	MONETIA.	4. 1.					
barlerioides.	Four-spined	Cut:	July	S.P.M.H.			E. Ind.
MORINDA,	MORINDA.	5. 1.					
Royoc.	Laurel-leaved	Cut:	Sept:	R.M.M.H.			W. Ind.
MUNTINGIA,	MUNTINGIA.	13. 1.					
Calabura.	Jamaica	Cut:	June	P.L.D.H.			Jamaica.
MURRAYA,	MURRAYA.	10. 1.					
exotica.	Ash-leaved	Cut:	Aug:	P.L.D.H.			E. Ind.
MUSSENDA,	MUSSENDA.	5. 1.					
pubescens.	Chinese	Cut:	Sept:	P.L.D.H.			China.
MYGINDA,	MYGINDA.	4. 4.					
Rhacoma.	Blunt-leaved	Lay:		P.L.M.H.			Jamaica.
uragoga.	Sawed-leaved	— Aug:					S. Am.
MYRODIA,	MYRODIA.	16: 7.					
turbinata.	Short-flowered	Seed		P.L.M.H.			W. Ind.
MYRTUS,	MYRTLE.	12. 1.					
biflora.	Two-flowered	Lay:	May	S.P. M.H.			Jamaica.
Chytraculia.	Forked	— Apr:					
coriacea.	Leathery-leaved	— June					S. Am.
disticha.	Two-sided	— June					Jamaica.
dumosa.	Bushy	— Aug:					E. Ind.
fragrans.	Sweet-scented	— Aug:					W. Ind.
Gregii.	Greg's	— June					Surinam.
Incida.	Shining-leaved	— June					W. Ind.
<i>f.</i> Pimenta.	Pimento-Tree.	Cut:					China.
— longifolia.	— Long-lvd: var:	Lay:					Ceylon.
tomentosa.	Downy-leaved	—					Cuba.
zeylanica.	Ceylon						
Zuzygium.	Oval-leaved						
NAUCLEA,	NAUCLEA.	5. 1.					
orientalis.	Oriental	Lay:		R.M.M.H.			E. Ind.
NERIUM,	OLEANDER.	5. 1.					
<i>f.</i> antidysentericum	Oval-leaved	Cut:		R.M.M.H.			E. Ind.
coronarium.	Broad-leaved	— July					
odorum.	Sweet-scented						
NYCTANTHES,	NYCTANCHES.	2. 1.					
Arbortristis.	Square-stalked	Cut:		R.M.M.H.			E. Ind.

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
<i>OCHROMA</i> ,	<i>OCHROMA</i> .	16. 2.					
<i>t.</i> <i>Lagopus</i> .	Pyramidal		Seed		P.L.	D.H.	<i>Jamaica</i> .
<i>OLEA</i> ,	<i>OLIVE</i> .	2. 1.					
<i>asiatica</i> .	Asiatic		Cut:		P.L.D.H.		<i>E. Ind.</i>
<i>t.</i> <i>emarginata</i> .	Notch-ended-lvd:						
<i>t.</i> <i>OMPHALEA</i> ,	<i>OMPHALEA</i> .	21. 8.					
<i>triandra</i> .	Long-leaved		Cut:		P.L.M.H.		<i>Jamaica</i> .
<i>OPHIOXYLON</i> ,	<i>OPHIOXYLON</i> .	23. 1.					
<i>serpentinum</i> .	Scarlet-flowered		Root	May	R.M.M.H.		<i>E. Ind.</i>
<i>ORMOSIA</i> ,	<i>ORMOSIA</i> .	10. 1.					
<i>dasycarpa</i> .	Woolly-fruited		Cut:	July	P.L.	D.H.	<i>W. Ind.</i>
<i>ORNITROPHE</i> ,	<i>ORNITROPHE</i> .	8. 1.					
<i>serrata</i> .	Sawed-leaved		Cut:		P.L.M.H.		<i>E. Ind.</i>
<i>OXYANTHUS</i> ,	<i>OXYANTHUS</i> .	5. 1.					
<i>speciosus</i> .	Tube-flowered		Cut:	July	P.L.M.H.		<i>Africa</i> .
<i>PANAX</i> ,	<i>PANAX</i> .	23. 2.					
<i>fruticosum</i> .	Shrubby		Root	Sep:	R.M.D.H.		<i>Ternate</i> .
<i>PARKINSONIA</i> ,	<i>PARKINSONIA</i> .	10. 1.					
<i>aculeata</i> .	Prickly		Seed		S.P.M.H.		<i>W. Ind.</i>
<i>PAVETTA</i> ,	<i>PAVETTA</i> .	4. 1.					
<i>indica</i> .	Indian		Cut:	Aug:	P.L.	M.H.	<i>Malubar</i> .
<i>pentandra</i> .	Wild Coffee.		—	July	—	—	<i>Jamaica</i> .
<i>PAULLINIA</i> ,	<i>PAULLINIA</i> .	8. 3.					
<i>barbadensis</i> .	Barbadoes		Cut:		S.P.	M.H.	<i>W. Ind.</i>
<i>caribæa</i> .	Caribbean						
<i>polyphylla</i> .	Supple-Jack.		Root				
<i>PETIVERIA</i> ,	<i>GUINEA-HEN WEED</i> .	7. 1.					
<i>alliacea</i> .	Common		Cut:	July	P.L.	D.H.	<i>Jamaica</i> .
<i>PETREA</i> ,	<i>PETREA</i> .	14. 2.					
<i>volubilis</i> .	Climbing		Cut:	Aug:	R.M.M.H.		<i>VeraCruz</i>
<i>PHÆHIX</i> ,	<i>DATE-PALM</i> .	22. 3.					
<i>t.</i> <i>dactylifera</i> .	Common		Seed		R.M.D.H.		<i>Africa</i> .
<i>farinifera</i> .	Small		—		—	—	<i>E. Ind.</i>
<i>PHYLLANTHUS</i> ,	<i>PHYLLANTHUS</i> .	21. 8.					
<i>Emblica</i> .	Shrubby		Cut:		S.P.	D.H.	<i>Malabar</i> .
<i>grandifolia</i> .	Large-leaved		—		—	—	<i>Port. Rico</i>
<i>maderaspatensis</i> .	Madras		—	July	—	—	<i>Madras</i> .
<i>mimosoides</i> .	Mimosa-leaved		—	Sept:	—	—	<i>Martinico</i>
<i>racemosa</i> .	Bunch-flowered		—	Aug:	—	—	<i>Ceylon</i> .
<i>PICRAMNIA</i> ,	<i>PICRAMNIA</i> .	22. 5.					
<i>t.</i> <i>antidesma</i> .	Ash-leaved		Cut:	Aug:	P.L.	M.H.	<i>Jamaica</i> .
<i>PINUS</i> ,	<i>PINE-TREE</i> .	21. 8.					
<i>t.</i> <i>Damara</i> .	Damar		Cut:		P.L.M.H.		<i>Amboyna</i>
— <i>— angustifolia</i> .	— Narrow-lvd: var:		—		—	—	<i>Sumatra</i> .
<i>PISCIDIA</i> ,	<i>PISCIDIA</i> .	17. 4.					
<i>t.</i> <i>Erythrina</i> .	Jamaica Dogwood.		Seed	May	P.L.	D.H.	<i>Jamaica</i> .
— <i>punica</i> .	Scarlet-flowered		—		—	M.H.	<i>Brazil</i> .
<i>PISONIA</i> ,	<i>PISONIA</i> .	7. 1.					
<i>aculeata</i> .	Spiney		Cut:	May	P.L.	D.H.	<i>Jamaica</i> .
<i>latifolia</i> .	Broad-leaved		—		—	M.H.	<i>Antigua</i> .
<i>PLUMIERIA</i> ,	<i>PLUMIERIA</i> .	5. 1.					
<i>alba</i> .	White-flowered		Cut:	Aug:	R.M.M.H.		<i>Martinico</i>

		Cl.	Or.	Prop.	Flaw.	Soil.	Place.	Country.
		5.	r.					
PLUMIERIA, angustifolia.	PLUMIERIA, Narrow-leaved			Cut:	Aug:	R.M.M.H.	Jamaica.	
lutea.	Yellow-flowered			—	—	—	—	S. Am.
obtusa.	Blunt-leaved			—	—	—	—	Cuba.
rubra.	Red-flowered			—	—	—	—	S. Am.
POINCIANA, puleherrana.	FLOWER-FENCE.	10.	1.					
	Prickly			Seed:	Aug:	R.M.M.H.	E. Ind.	
PORTLANDIA, grandiflora.	PORTLANDIA.	5.	1.					
hexandra.	Great-flowered			Cut:	—	S.P. M.H.	Jamaica.	
	Laurel-leaved			—	—	—	—	Guinea.
POPIDIUM, distichum.	GUAVA.	12.	1.					
montanum.	Myrtle-leaved			Seed:	July:	R.M.M.H.	W. Ind.	
pomiferum.	Mountain			—	—	—	—	—
pyriferum.	Red			—	July	—	—	—
	White			—	—	—	—	—
PSYCHOTRIA, citrifolia.	PSYCHOTRIA.	5.	1.					
	Citron-leaved			Cut:	—	R.M.M.H.	Jamaica.	
PTEROCARPUS, f. Draco.	PTEROCARPUS.	17.	4.					
— Ecastaphyllum.	Dragon's-blood-Tree.			Seed	—	R.M.D.H.	W. Ind.	
	Oval-leaved			—	—	—	—	—
PTEROSPERMUM, f. acerifolium.	PTEROSPERMUM.	16.	6.					
— suberifolium.	Maple-leaved			Cut:	Aug:	P.L.M.H.	E. Ind.	
	Various-leaved			—	Sept:	—	—	—
QUASSIA, f. amara.	QUASSIA.	10.	1.					
	Bitter			Cut:	July	P.L.M.H.	Guinea.	
RAUWOLFIA, nitida.	RAUWOLFIA.	5.	1.					
	Shining-leaved			Cut:	Aug:	S.P. D.H.	S. Am.	
RHAMNUS, colubrinus.	BUCKTHORN.	5.	1.					
ellipticus.	Red-wood.			Seed:	June	P.L.D.H.	Bahama.	
Lotus.	Oval-leaved			—	Aug:	—	Jamaica.	
mystacinus.	True Lotus-Tree.			—	—	—	Barbary.	
	Wirey			—	Nov:	—	Africa.	
RAPHIS, filabelliformis.	RAPHIS.	23.	1.					
	Ground Ratan.			Root:	Aug:	P.E.D.H.	China.	
RHEUS, f. javanicum.	SUMACH.	5.	2.					
— succedaneum.	Java			Seed:	Aug:	P.L.D.H.	Java.	
	Japan			—	—	—	Japan.	
RIVINA, humilis.	RIVINA.	4.	1.					
lævis.	Dowry			Seed:	July	R.M.D.H.	W. Ind.	
ROBINIA, violacea.	ROBINIA.	17.	4.					
	Ash-leaved			Seed	—	P.L.D.H.	Jamaica.	
RONDELETIA, americana.	RONDELETIA.	5.	1.					
hirta.	American			Cut:	Aug:	S.P.M.H.	W. Ind.	
levigata.	Hairy			—	July	—	—	
ROTTLERA, tinctoria.	ROTTLERA.	22.	11.					
	Dyer's			Cut:	—	P.L.M.H.	E. Ind.	
ROIZIA, aurea.	ROIZIA.	16.	7.					
integrifolia.	Golden			Cut:	—	P.L.M.H.	Bourbon.	
variabilis.	Entire-leaved			—	May	—	—	
	Various-leaved			—	—	—	—	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
SAMYDA,	SAMYDA.	10. 1.					
<i>lucida.</i>	Shining-leaved	Cut:	S.P.	M.H.	W.	Ind.	
<i>rosea.</i>	Rose-colored	— June	—	—	—	—	
<i>serrulata.</i>	Elm-leaved	— July	—	D.H.	—	—	
SAPINDUS,	SOAP-BERRY.	8. 2.					
<i>t. laurifolius.</i>	Laurel-leaved	Seed	P.L.D.H.	Malabar.			
— <i>rigidus.</i>	Ash-leaved	— Aug:	—	—	W.	Ind.	
— <i>Saponaria.</i>	Common	—	—	—	—	—	
SAPIUM,	SAPIUM.	21. 8.					
<i>t. aucuparium.</i>	Two-glanded	Cut:	P.L.M.H.	W.	Ind.		
SCHÆFFERA,	SCHÆFFERIA.	22. 4.					
<i>completa.</i>	White-flowered	Cut: Aug:	P.L.D.H.	Jamaica.			
SECURINEGA,	SECURINEGA.	22. 5.					
<i>nitida.</i>	Otaheite Myrtle.	Cut: Aug:	P.L.M.H.	Otaheite.			
SIDERODENDRUM,	IRON-TREE.	4. 1.					
<i>t. triflorum.</i>	Three-flowered	Cut:	P.L.D.H.	W.	Ind.		
SLOANEA,	SLOANEA.	13. 1.					
<i>t. dentata.</i>	Chesnut-leaved	Seed	P.L.D.H.	Carolina.			
SOLANDRA,	SOLANDRA.	5. 1.					
<i>grandiflora.</i>	Large-flowered	Cut: May	R.M.D.H.	Jamaica.			
SOLANUM,	NIGHTSHADE.	5. 1.					
<i>auriculatum.</i>	Ear-leaved	Seed July	P.L.D.H.	Bourbon.			
<i>bahamense.</i>	Bahama	—	—	—	Bahama.		
<i>indicum.</i>	Indian	—	—	—	Both Ind.		
<i>verbascifolium.</i>	Mullein-leaved	—	—	—	W.	Ind.	
SOPHORA,	SOPHORA.	10. 1.					
<i>monosperma.</i>	Red Bead-Tree.	Seed	P.L.M.H.	Jamaica.			
<i>tomentosa.</i>	Downy	— June	—	—	Ceylon.		
SPATHELIA,	SPATHELIA.	5. 3.					
<i>simplex.</i>	Sumach-leaved	Seed	S.P.M.H.	Jamaica.			
SPERMACECE,	BUTTONWOOD.	4. 1.					
<i>verticillata.</i>	Whorl-flowered	Seed July	S.P.M.H.	Africa.			
SPONDIAS,	HOG-PLUM.	10. 4.					
<i>t. lutea.</i>	Yellow	Seed	S.P.D.H.	S. Am.			
— <i>Mombin.</i>	Purple	—	—	—	—	—	
STERCULIA,	STERCULIA.	21. 8.					
<i>t. Balanigas.</i>	Coronet-flowered	Suc: Aug:	P.L.D.H.	Malabar.			
— <i>fetida.</i>	Stinking	Seed	— M.H.	E. Ind.			
— <i>guineensis.</i>	Guinea	—	—	—	Africa.		
— <i>platinifolia.</i>	Plane-Tree & lvd:	— July	—	D.H.	China:		
STILAGO,	STILAGO.	22. 3.					
<i>Bunias.</i>	Chinese Laurel.	Cut: Aug:	P.L.D.H.	E. Ind.			
<i>t. diandra.</i>	Diandrous	—	—	—	—	—	
STRYCHNOS,	STRYCHNOS.	5. 1.					
<i>t. aux vomica.</i>	Poison-Nut.	Seed	P.L.M.H.	E. Ind.			
SWIETENIA,	MAHOGANY-TREE.	10. 1.					
<i>t. Mallogoti.</i>	Common	Cut:	P.L.M.H.	Jamaica.			
TABERNÆMONTANA	TABERNÆMONTANA.	5. 1.					
<i>citrifolia.</i>	Citron-leaved	Cut:	R.M.M.H.	W.	Ind.		
<i>laurifolia.</i>	Laurel-leaved	—	—	—	—	—	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
TAMARINDUS,	TAMARIND-TREE.	16. 1.					
t. indica.	Common		Seed	July	R.M.M.H.	Both	Ind.
TECTONA,	INDIAN OAK.	5. 1.					
t. grandis.	Common		Seed		L.P.M.H.	Pegu.	
TERMINALIA,	TERMINALIA.	23. 1.					
amboinensis.	Amboyna		Seed		P.L.M.H.	Amboyna.	
angustifolia.	Narrow-leaved		—	—	—	—	E. Ind.
t. Catapa.	Broad-leaved		—	—	—	—	—
THEOBROMA,	CHOCOLATE-NUT-TREE.	18. 1.					
t. Cacao.	Smooth-leaved		Cut:		R.M.M.H.	S. Am.	
— guianensis.	Woolly-leaved		—	—	—	—	Guinea.
THRINAX,	THRINAX.	6. 1.					
parviflora.	Small Fan-Palm.		Seed		R.M.D.H.	Jamaica.	
TOURNEFORTIA,	TOURNEFORTIA.	5. 1.					
foetidissima.	Stinking		Cut: Sept:		P.L.D.H.	Jamaica.	
hirsutissima.	Hairy		— Aug:	—	—	—	—
suffruticosa.	Shrubby		—	—	—	—	—
TREWIA,	TREWIA.	22. 12.					
nudiflora.	Naked-flowered		Cut:		P.L.M.H.	E. Ind.	
TRIOPTERIS,	TRIOPTERIS.	10. 3.					
jamaicensis.	Jamaica		Cut:		P.L.M.H.	Jamaica.	
TURNERA,	TURNERA.	5. 3.					
ulmifolia.			Cut: July		P.L.D.H.	W. Ind.	
VANGUERIA,	VANGUERIA.	5. 1.					
edulis.	Eatable		Cut:		P.L.M.H.	Madagas.	
VARRONIA,	VARRONIA.	5. 1.					
martinicensis.	Martinico		Cut: Aug:		P.L.D.H.	Martinico	
curassavica.	Long-spiked		—	—	—	—	Curassoa.
VINCA,	PERIWINKLE.	5. 1.					
rosea.	Madagascar		Cut: July		R.M.D.H.	Madagas.	
— flo: albo.	— White var:		—	—	—	—	—
— flo: maculato.	— Red-eyed		—	—	—	—	—
VOLKAMERIA,	VOLKAMERIA.	14. 2.					
aculeata.	Prickly		Cut: Sept:		P.L.D.H.	W. Ind.	
URENA,	URENA.	16. 7.					
lobata.	Angular-leaved		Seed June		P.L.D.H.	China.	
sinnata.	Cut-leaved		— July	—	—	E. Ind.	
URTICA,	NETTLE.	21. 4.					
baccifera.	Berry-bearing		Suc: Aug:		S.P.M.H.	S. Am.	
UVARIA,	UVARIA.	13. 6.					
t. lanceolata.	Lance-wood		Cut:		P.L.M.H.	Jamaica.	
odorata.	Sweet-scented.		—	—	—	Java.	
zeylanica.	Ceylon		—	—	—	Ceylon.	
WALTHERIA,	WALTHERIA.	16. 2.					
indica.	Indian		Lay: Aug:		P.L. D.H.	E. Ind.	
XANTHOCHYNUS,	XANTHOCHYNUS.	18. 4.					
pictorius.	Painter's		Seed		R.M.M.H.	E. Ind.	
XIMENIA,	XIMENIA.	8. 1.					
americana.	American		Cut:		S.P. M.H.	W. Ind.	
XYLOPHYLLA,	SEASIDE LAUREL.	21. 8.					
angustifolia.	Narrow-leaved		Cut: Oct:		S.P. D.H.	W. Ind.	

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
XYLOPHYLLA,	SEASIDE LAUREL.	21. 8.					
falcata.	Sickle-leaved		Cut:	Aug:	S.P. D.H.	W. Ind.	
heterophylla.	Various-leaved		— Oct:	—	—	—	
latifolia.	Broad-leaved		—	—	—	—	
XYLOPIA,	XYLOPIA.	13. 6.					
muricata.	Rough-fruited		Cut:		P.L.M.H.	Jamaica.	
ZAMIA,	ZAMIA.	22. 12.					
cycadis.	Narrow-leaved		Suc:		P.L.D.H.	C.G.H.	
furfuracca.	Broad-leaved		— Sept:	—	—	W. Ind.	
integrifolia.	Dwarf		—	—	—	Florida.	
spiralis.	Botany-Bay		—	—	—	N. Hol.	

Having hinted, under the genus *Bromelia*, at the hopes that the new principle of the use of Steam will answer the end proposed, I have to add, that Mr. Aiton, in forcing, generally—Mr. J. Knight, and Earl Powis, for tropical plants—Messrs. Loddiges, upon the whole collection of plants, &c. &c.—are now making trials of its effects, in various ways. I find it is intended to be used, so as to do away, not only the necessity of other fire heat, but, also, to be used in such wise as to relieve us from the necessity of a recurrence to any fermentable substances, as bark, dung, &c. in any manner, for our Hothouses. How desirable an object, both as to cleanliness and expence. What inducements to the culture of Hothouse plants; those two great objections being removed, we may, perhaps, live to see tropical exotics in as common culture as *Geraniums*. Yet, I must own, it would be dangerous to decide what latitude may be given to this new practice; our climate varying so greatly, in different years, as to what is termed a hard or mild winter; that, until the results are more determined, by having passed, with success, the ordeal of a frost of six or eight weeks continuance, we should not give into a total dereliction of the old culture; which, however troublesome and expensive, has hitherto been found efficient.

CLIMBING HOTHOUSE PLANTS.

DIVISION III.—SECTION II.

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
ABRUS, precatorius.	ABRUS.	17. 4					
	Wild Liquorice.		Seed Aug:	S.P.	M.H.	Both Ind.	
ARISTOLOCHIA, odoratissima.	BIRTHWORT.	20. 5.					
triloba.	Sweet-scented		Cut: July	P.L.	M.H.	Jamaica.	
ASCLEPIAS, scandens.	Three-lobed		June			S. Am.	
vininatis.	SWALLOW-WORT.	5. 2.					
ATRAGENE, zeylanica.	Climbing		Cut:	S.P.	D.H.	Jamaica.	
BANISTERIA, purpurea.	Slender-stemmed					S. Am.	
BASILLA, alba.	ATRAGENE.	13. 6.					
— rubra.	Ceylon		Lay:	S.P.	M.H.	Ceylon.	
BAUHINIA, anatomica.	BANISTERIA.	10. 5.					
BIGNONIA, crucigera.	Purple		Lay:	P.L.	D.H.	W. Ind.	
paniculata.	MALABAR NIGHTSHADE	5. 3.					
unguis.	White		Seed Aug:	R.M.	D.H.	E. Ind.	
CISSAMPELOS, Parieira.	Red						
amilacina.	MOUNTAIN EBONY.	10. 1.					
CISSUS, acida.	Skeleton-leaved		Cut:	S.P.	D.H.	E. Ind.	
sicyoides.	TRUMPET FLOWER.	14. 2.					
trifoliata.	Cross-bearing		Lay:	S.P.	D.H.	VeraCruz	
vitiginea.	Paniced						
CONVOLVULUS, Batatas.	Barbadoes					Barbadoes	
coccineus.	CISSAMPELOS.	22. 13.					
dissectus.	Velvet-leaved		Cut: Aug:	S.P.	D.H.	S. Am.	
Jalapa.	Smilax-like					Carolina.	
speciosus.	CISSUS.	4. 1.					
CRATÆVA, fragrans.	Acid		Cut:	P.L.	D.H.	Jamaica.	
CYLISTA, villosa.	Heart-leaved						
scariosa.	Three-leaved						
	Vine-leaved					E. Ind.	
	CONVOLVULUS.	5. 1.					
	Tuberous-rooted		Root	R.M.	D.H.	Both Ind.	
	Scarlet-flowered		Cut: Aug:			E. Ind.	
	Cut-leaved		Oct:			America.	
	Jalap-root.		Sept:		M.H.	S. Am.	
	Broad-leaved		Aug:	P.L.		E. Ind.	
	CRATÆVA.	11. 1.					
	Sweet-scented		Cut: July	R.M.	M.H.	Africa.	
	CYLISTA.	17. 4.					
	Cape		Seed June	P.L.	D.H.	C. G. H.	
	Caromandel					E. Ind.	

CLIMBING HOTHOUSE PLANTS.—*Third Division, Sec. 2.* 213

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
CYNANCHUM,	CYNANCHUM.	5.	2.				
extensum.	Smooth-leaved			Cut:	Aug:	P.L. D.H.	E. Ind.
suberosum.	Corky-barked			—	Sept:	—	S. Am.
viminale.	Twining			—	—	—	Africa.
DIOSCORIA,	DIOSCORIA.	22.	6.				
pentaphylla.	Five-leaved			Root	R.M.D.H.	E. Ind.	
sativa.	Yam			—	Aug:	—	Both Ind.
DOLICHOS,	DOLICHOS.	17.	4.				
pruriens.	Cowitch			Seed	P.L. M.H.	Both Ind.	
urens.	Horse-eye Bean.			—	July	D.H.	W. Ind.
DRACONTIUM,	DRACONTIUM.	20.	8.				
nymphaeifolium.	Water-Lily-ld:			Cut:	P.L. D.H.		
pertusum.	Perforated-leaved			—	June	—	
triphyllum.	Three-leaved			—	—	—	
ECHITES,	ECHITES.	5.	1.				
biflora.	Twin-flowered			Cut:	July	P.L. D.H.	W. Ind.
elastica.	Gum-elastic			—	—	M.H.	Brazil.
suberecta.	Savannah-flower			—	Aug:	—	Jamaica.
torulosa.	Climbing			—	—	—	
FIGUS,	FIG.	23.	2.				
stipulata.	Trailing			Lay:	P.L.D.H.	China.	
GLYCINE,	GLYCINE.	17.	4.				
reticulata.	Netted-leaved			Cut:	Aug:	P.L. D.H.	Jamaica.
GRONOVIA,	GRONOVIA.	5.	1.				
scandens.	Climbing			Cut:	July	P.L.M.H.	W. Ind.
IPOMEEA,	IPOMEEA.	5.	1.				
digitata.	Fingered-leaved			Cut:	Aug:	S.P. D.H.	W. Ind.
insignis.	Shewy			—	—	—	E. Ind.
b. pes-tigridis.	Palmated			—	—	—	
repanda.	Scolloped-leaved			—	—	—	W. Ind.
sanguinea.	Bloody-flowered			—	Sept:	—	S. Am.
splendens.	Splendid			—	—	—	E. Ind.
tuberosa.	Tuberous-rooted			—	Aug:	—	Cuba.
JASMINUM,	JASMINE.	2.	1.				
auriculatum.	Ear-leaved			Cut:	Sept:	R.M.M.H.	E. Ind.
hirsutum.	Hairy			—	Aug:	—	
multiflorum.	Many-flowered			—	—	—	
Sambac.	Arabian			—	—	—	
— flor. pleno.	— Double var:			—	—	—	
— monstrosum.	— Tuscany			—	—	—	
MELODINUS,	MELODINUS.	5.	2.				
scandens.	Climbing			Cut:	S.P. M.H.	N-Caledo.	
MIMOSA,	MIMOSA.	23.	1.				
scandens.	Climbing			Seed	S.P. M.H.	Both Ind.	
NISSOLIA,	NISSOLIA.	17.	4.				
fruticosa.	Shrubby			Seed	Sept:	P.L.D.H.	S. Am.
PASSIFLORA,	PASSION-FLOWER.	16.	2.				
alata.	Winged			Cut:	Aug:	P.L.D.H.	W. Ind.
biflora.	Two-flowered			—	July	—	
brasiliensis.	Brazil			Seed	Aug:	R.M.M.H.	Brazil.
ciliata.	Fringed			Cut:	P.L.D.H.	Jamaica.	
coccinea.	Scarlet-flowered			—	Nov:	—	Brazil.

216 CLIMBING HOTHOUSE PLANTS.—*Third Division. Sec. 2.*

		Cl.	Or.	Prop.	Flow.	Soil.	Place.	Country.
PASSIFLORA,	PASSION-FLOWER.	16.	2.					
<i>cupræa.</i>	Copper-colored	Cut:	Aug:	P.L.	D.H.			<i>Bahamas.</i>
b. <i>fœtida.</i>	Stinking	Seed	July	—	—	—	—	<i>W. Ind.</i>
<i>holosericea.</i>	Silky-leaved	Cut:	Aug:	—	—	—	—	<i>VeraCruz</i>
<i>laurifolia.</i>	Laurel-leaved	—	July	—	—	—	—	<i>W. Ind.</i>
<i>lunata.</i>	Crescent-leaved	—	Aug:	—	—	—	—	
<i>lutea.</i>	Yellow	Root	May	—	—	—	—	
<i>maliformis.</i>	Apple-fruited	Cut:	Sept:	—	—	—	—	
<i>marucuja.</i>	Purple-flowered	—	July	—	—	—	—	
<i>multiflora.</i>	Many-flowered	—	Aug:	—	—	—	—	<i>VeraCruz</i>
<i>pedata.</i>	Curled-flowered	—	—	—	—	—	—	<i>W. Ind.</i>
<i>pefoliata.</i>	Perfoliate	—	Aug:	—	—	—	—	
<i>punctata.</i>	Dotted-leaved	—	July	—	—	—	—	
<i>quadrangularis.</i>	Square-stalkt	Seed	Aug:	R.M.	M.H.			
<i>rubra.</i>	Red-fruited	Cut:	June	P.L.	D.H.			
<i>serratifolia.</i>	Sawed-leaved	—	Aug:	—	—	—	—	
<i>suberosa.</i>	Corky-barked	—	—	—	—	—	—	
<i>vespertilionis.</i>	Bat's-wing-lvd:	—	July	—	—	—	—	
PERGULARIA,	PERGULARIA.	5.	2.					
<i>minor.</i>	West-coast Creeper.	Cut:	July	R.M.	M.H.			<i>E. Ind.</i>
<i>odoratissima.</i>	Chinese Creeper.	—	May	—	—	—	—	<i>China.</i>
PLUKENETIA,	PLUKENETIA.	21.	6.					
<i>volubilis.</i>	•Climbing	Cut:	Aug:	P.L.	D.H.			<i>W. Ind.</i>
ROXBURGHIA,	ROXBURGHIA.	8.	1.					
<i>gloriosoides.</i>	Gloriosa-leaved	Suc:	July	P.L.	M.H.			<i>E. Ind.</i>
RUBUS,	BRAMBLE.	12.	5.					
<i>mollicanus.</i>	Broad-leaved	Cut:	—	S.P.	M.H.			<i>Java.</i>
SECURIDACA,	SECURIDACA.	17.	3.					
<i>volubilis.</i>	Climbing	Cut:	—	P.L.	D.H.			<i>W. Ind.</i>
SMILAX,	SMILAX.	22.	6.					
<i>zeylanica.</i>	Ceylon	Suc:	—	P.L.	D.H.			<i>Ceylon.</i>
THUNBERGIA,	THUNBERGIA.	14.	2.					
<i>fragrans.</i>	Twining	Seed	July	P.L.	M.H.			<i>E. Ind.</i>
TOURNEFORTIA,	TOURNEFORTIA.	5.	1.					
<i>volubilis.</i>	Climbing	Cut:	Aug:	P.L.	D.H.			<i>W. Ind.</i>
VANILLA,	VANILLA.	20.	1.					
<i>aromatica.</i>	Common	Lay:	Aug:	S.P.	D.H.			<i>S. Am.</i>
VITEX,	CHASTE-TREE.	14.	2.					
<i>trifolia.</i>	Three leaved	Cut:	—	P.L.	D.H.			<i>E. Ind.</i>

Few of these plants flower in our Stoves, in pots; as, from their natural growths, they require the branches to extend themselves to some length, before they put forth their blossoms. Wherefore, to have them flourish, it is necessary to prepare a border at the back and ends of the bark-pit, with the different earths necessary for each kind, (separated, by boards, from the bark in the pit;) and also, a trellis on which to train them. By this method, much additional splendor and elegance may be given to the arrangement of plants in the Hothouse. For those who do not choose this method, I have marked those which require the bark-bed, as other Hothouse plants.

SUCCULENT HOTHOUSE PLANTS.

DIVISION III.—SECTION III.

		Ch. Or.	Prop.	Flow.	Soil.	Country.
AGAVE,	AGAVE.	6. 1.				
<i>fetida.</i>	Gigantic		Suc:	Oct:	S. P.	S. Am.
<i>larida.</i>	Vera-Cruz		—	July	—	—
<i>rigida.</i>	Harsh-leaved		—	—	—	—
<i>vivipara.</i>	Viviparous		—	Sept:	—	—
ALOE,	ALOE.	6. 1.				
<i>Barbadensis.</i>	Barbadoes		Suc:	Aug:	S. P.	Barbadoes
<i>lutea.</i>	Red-spined striped		—	—	—	C. G. H.
<i>perfoliata.</i>	Transparent Cobweb		Leaf Aug:	—	—	—
<i>rigida.</i>	Spreading-leaved		Suc:	—	—	—
<i>spicata.</i>	Spike-flowered		—	—	—	—
<i>viscosa aspera.</i>	Rough Triangular		—	June	—	—
BROMELIA,	PINE-APPLE PLANT.	6. 1.				
<i>Ananas.</i>	Common Queen		Suc:	July R. M.	Africa.	
1. —	Antigua Black		—	—	W. Ind.	
2. —	— Green		—	—	—	
3. —	Bloody		—	—	—	
4. —	Enville		—	—	—	
5. —	Havannah		—	—	—	
6. —	Jamaica		—	—	—	
7. —	King		—	—	—	
8. —	Montserrat		—	—	—	
9. —	Providence Green		—	—	—	
10. —	— Mealy		—	—	—	
11. —	Ripley		—	—	—	
12. —	Sugar-loaf Brown		—	—	—	
13. —	— Striped		—	—	—	
14. —	Surinam Gold-striped		—	—	—	
15. —	— Silver-striped		—	—	—	

Under this species of Bromelia, I have given the common accepted names applied to the different kinds of Pine-Apple Plants most frequent in cultivation; many other varieties have, of late, got into our Pine Stoves, but those named are unquestionably the best: and, perhaps, if the Queen, Antigua, Sugar-loaves, Enville, Jamaica, and Providences, are selected, few of the rest will be considered as necessary for fruit bearing; the others only where they are kept for curiosity.

Numberless as are the tracts on the culture of this fine fruit, yet, I fear, no theoretic directions, however good, will entirely answer the purpose, without sufficient practical knowledge; and this we may fairly infer, from the few who succeed in producing these fruits in high perfection. Of late, a method has been introduced of heating Pineries and Vineries by Steam; also, of making use of it, as a substitute for the strong evening dews of

218 SUCCULENT HOTHOUSE PLANTS.—*Third Division, Sec. 3.*

tropical climates, so necessary to the well-doing of the Pine-Apple and Grape. It is little doubted, from the success which has hitherto attended its application, this new method will furnish, in a more certain, efficacious, and easy manner, this desideratum for Forcing. A want of knowledge, how to produce and apply steam efficiently, has been hitherto a great drawback in this department of their profession, to many, otherwise good practical Gardeners. The best instructions upon the old method of managing these fruits, will be found in Kennedy, Abercrombie, Speechly, and M'Phail, all practical men; the three last avowedly following Kennedy's method, with little variation.

		Cl. Or. Prop. Flow. Soil. Country.
BROMELIA,	PINE-APPLE PLANT.	6. 1.
bracteata.	Red-bracted	Suc: Oct: R.M. W. Ind.
Karatas.	Karatta	— July —
Penguin.	Penguin	— — —
CACTUS,	CACTUS.	12. 1.
curassavicus.	Pinpillow.	Cut: July S.P. Curassoa.
grandiflorus.	Night-flowering	— — — Jamaica.
— flo: coccineo.	— Scarlet var:	— — — Cuba.
hexagonus.	Six-angled	— Ang: — Surinam.
lanuginosus.	Woolly	— — — W. Ind.
mammillaris.	Small Melon Thistle.	— — — —
Melocactus.	Great Melon Thistle.	— — — —
mexicanus.	Mexican	— — — Mexico.
monstrosus.	Monstrous	— — — W. Ind.
octagonus.	Eight-angled	— — — —
pendulus.	Slender	— Sept: — —
Pereskia.	Barbadoes Gooseberry.	— Nov: — Barbados
phyllanthus.	Spleenwort-leaved	— Aug: — S. Am.
— flo: incarnato.	— Pink var:	— — — —
quadrangularis.	Quadrangular	— — — —
repandus.	Waved-angled	— Aug: — W. Ind.
recurvus.	Crook-spined	— — — Mexico.
speciosus.	Shewy	— Sept: — S. Am.
spinosissimus.	Robinson Crusoe	— July — Jamaica.
tetragonus.	Four-angled	— — — S. Am.
triangularis.	Three-angled	— — — W. Ind.
EUPHORBIA,	SPURGE.	11. 3.
antiquorum.	Triangular	Cut: July S.P. E. Ind.
cereiformis.	Naked	— Aug: — C.G.H.
Clava.	Club	— June — —
cotinifolia.	Cotinus-leaved	— July — S. Am.
heptagona.	Seven-angled	— Sept: — C.G.H.
hystrix.	Porcupine	Seed — — —
mammillaris.	Warty-angled	Cut: Aug: — —
mauritanica.	Barbary	— — — —
myrtifolia.	Myrtle-leaved	— — — Africa.
neriifolia.	Oleander-leaved	— July — W. Ind.
piscatoria.	Smooth Spear-lvd:	— — — E. Ind.
Tarucalli.	Indian Tree	— — — Madeira.
Tithmaloides.	Long-stalked	— July — E. Ind.
PANDANUS,	SCREW PINE.	22. 1.
odoratissimus.	Sweet-scented	Seed R.M. E. Ind.

SUCCULENT HOTHOUSE PLANTS.—Third Division, Sec. 3. 219

		Cl. Or.	Prop. Flow.	Soil.	Country.
PIPER,	PEPPER.	2. 3.			
amplexicaule.	Stem-clasping-lvd:		Cut: July R.M.	<i>W. Ind.</i>	
clusiæfolium.	Clusia-leaved		— May	—	
hispidum.	Hairy		— July	—	
magnoliæfolium.	Magnolia-leaved		— Mar.	—	
nigrum.	Black		—	—	<i>E. Ind.</i>
obtusifolium.	Blunt-leaved		— Aug:	—	<i>W. Ind.</i>
peltatum.	Shield-shaped-leaved		—	—	
polystachyon.	Many-spiked		— Oct:	—	
reticulatum.	Netted		— Aug:	—	
PITCAIRNIA,	PITCAIRNIA.	6. 1.			
angustifolia.	Narrow-leaved		Suc: Nov: S.P.	<i>San. Cruz</i>	
bracteata.	Large-bracted		— May	—	<i>St Vincent</i>
bromeliæfolia.	Scarlet		— June	—	<i>Jamaica.</i>
graminifolia.	Grass-leaved		—	—	
integrifolia.	Entire-leaved		— Dec:	—	<i>S. Am.</i>
latifolia.	Broad-leaved		— Aug:	—	
sulphurea.	Orange-flowered		—	—	
SANSEVIERA,	SANSEVIERA.	6. 1.			
guineensis.	African		Suc: Ang: S.P.	<i>Guinea.</i>	
zeylanica.	Ceylon		—	—	<i>Ceylon.</i>
SESUVIUM,	SESUVIUM.	12. 3.			
Portulacastrum.	Purslane-leaved		Cut: Ang: R.M.	<i>W. Ind.</i>	
APELIA,	STAPELIA.	5. 2.			
acuminata.	Acuminated		Cut: Ang: S.L.	<i>C.G.H.</i>	
ambigua.	Ambiguous		— Oct:	—	
anguina.	Snake-like		— Sept:	—	
aperta.	Open-flowered		— Aug:	—	
arida.	Dry		—	—	
articulata.	Articulated		— Sept:	—	
asterias.	Starfish-like		— July	—	
barbata.	Bearded		— Aug:	—	
bisulca.	Bisulcated		— Oct:	—	
bufonia.	Toad-like-flowered		— Aug:	—	
caespitosa.	Tufted		— Oct:	—	
campanulata.	Bell-flowered		— Sept:	—	
ciliata.	Fringed-flowered		— Nov:	—	
concinna.	Neat-flowered		— Sept:	—	
clypeata.	Shielded		—	—	
crassa.	Thick		— Aug:	—	
decora.	Handsome		— July	—	
deflexa.	Reflex-flowered		— Oct:	—	
divaricata.	Straddling		— Sept:	—	
elegans.	Elegant		— Aug:	—	
gemmiflora.	Spangled-flowered		—	—	
geminata.	Twin-flowered		—	—	
glanduliflora.	Glandular-flowered		— Sept:	—	
grandiflora.	Large flowered		— July	—	
guttata.	Red-spotted		— Aug:	—	
hirsuta.	Hairy-flowered		— July	—	
humilis.	Low-growing		— Oct:	—	
incarnata.	Flesh-colored		— June	—	

220 SUCCELENT HOTHOUSE PLANTS.—*Eric Dider, No. 2.*

		Cl. Or.	Prop.	Flow.	Soil.	Country.
STAPELIA,	STAPELIA.	5. 2.				
<i>isornata.</i>	Dewy		Cut:	Aug.	S.L.	C.G.H.
<i>lentiginosa.</i>	Freckled-flowered					
<i>mammaria.</i>	Teated			Oct:		
<i>mixta.</i>	Mixt					
<i>parviflora.</i>	Small-flowered			July		
<i>pedunculata.</i>	Long-pedunculed					
<i>picta.</i>	Painted			Aug:		
<i>pulchella.</i>	Beautiful					
<i>polla.</i>	Black-flowered			July		
<i>punctata.</i>	Purple-spotted			Aug:		
<i>radiata.</i>	Starry					
<i>ramosa.</i>	Branched			July		
<i>reclinata.</i>	Reclining			Aug:		
<i>reticulata.</i>	Netted-flowered					
<i>setosa.</i>	Retuse			July		
<i>revoluta.</i>	Rolled-back					
<i>rufa.</i>	Brown Rusty-flower			Oct:		
<i>sororia.</i>	Sister			June		
<i>variegata.</i>	Variegated			July		
<i>vepusta.</i>	Shewy					
<i>verrucosa.</i>	Warted			Sept:		
<i>vetula.</i>	Smooth Dark-flower			Aug:		
TALUM,	TALUM.	11. 1.				
<i>pateus.</i>	Panicled		Seed	July	P.L.	W. Ind.
<i>triangulare.</i>	Triangular-stalked			Sept:		
TILLANDSIA,	TILLANDSIA.	6. 1.				
<i>ligulata.</i>	Tongue-leaved		Suc:	July	S.P.	W. Ind.
<i>serrata.</i>	Saw-leaved			Sept:		

Few of these plants, either those of the Greenhouse or Hothouse, are cultivated in general, but merely to fill up the bye shelves and odd corners of the exotic houses; but, if a proper attention was paid to them, and their cultivation better known from a study of their characters, I have no doubt but they might be rendered as ornamental and interesting as those now considered the most select.

Most of the forms and growths of these plants are truly curious; and many of their flowers, of the greatest beauty and brilliancy. Since the days of Dellineus and the late Mr. Lee, these plants have had few admirers; but the present Emperor of Germany, the Prince of Salm, and our countrymen Messrs. Howarth, and Mr. Anderson, the able curator of Chelsea Botanic Gardens, are endeavouring to bring them again into that notice which they so eminently deserve.—For their culture, see *Greenhouse Succulents*.

BULBOUS-ROOTED HOTHOUSE PLANTS.

DIVISION III.—SECTION IV.

		Cl. Or.	Col.	Flow.	Soil.	Country.
ALLIUM, <i>gracile.</i>	GARLICK. Sweet-flowered	6. 1.		w.	Apr: R.M.	Jamaica.
AMARYLLIS, <i>advena.</i>	AMARYLLIS. Streaked-flowered	6. 1.		f.w.	June R.M.	S. Am.
<i>aurea.</i>	Chinese Yellow			o.	Aug: —	China.
<i>brasiliensis.</i>	Brazil			d.o.	Sept: —	S. Am.
<i>Brandtii.</i>	Brandt's			y.	June —	Peru.
* <i>Brunswigii.</i>	Brunswick			d.r.	July —	C.G.H.
* <i>ciliata.</i>	Fringed-leaved			r.	—	—
* <i>crocea.</i>	Orange-colored			q.	Aug: —	—
* <i>cruciata.</i>	Cross-leaved			r.w.	June —	—
* <i>curvifolia.</i>	Curled-leaved			—	July —	—
* <i>disticha.</i>	Two-sided			—	—	—
* — <i>undulata.</i>	— Waved-lvd: var:			—	—	—
* <i>equestris.</i>	Barbadoes Lily.			d.o.	Aug: —	Barbadoes
* <i>falcata.</i>	Sickle-leaved			f.w.	May —	C.G.H.
* <i>fexilis.</i>	Weak-leaved			—	—	—
* — <i>angustifolia.</i>	— Narrow var:			—	—	—
* — <i>minor.</i>	— Smallest var:			—	—	—
* <i>Josephinae.</i>	Josephine's			d.f.	July —	—
* <i>latifolia.</i>	Broad-leaved			r.w.	Aug: —	—
* <i>longifolia.</i>	Long-leaved			pk.w.	July —	—
* <i>marginata.</i>	Red-edged			f.w.	Sept: —	—
* <i>orientalis.</i>	Oriental			p.w.	Aug: —	—
* <i>ornata.</i>	Cape-Coast Lily.			—	—	Africa.
* <i>radiata.</i>	Snowdrop-leaved			d.p.	June —	C.G.H.
* <i>radula.</i>	Rasp-leaved			—	—	—
* <i>reginae.</i>	Mexican Lily.			d.o.	May —	Mexico.
* <i>reticulata.</i>	Netted			f.	Apr: —	Brazil.
* <i>revoluta.</i>	Recurve-petalled			p.w.	Sept: —	C.G.H.
* <i>spectabilis.</i>	Shawy			—	July —	Africa.
* <i>toxicaria.</i>	Poisonous			—	—	C.G.H.
* <i>undulifolia.</i>	Waved-leaved			d.r.	Aug: —	—
* <i>yuccoides.</i>	Yucca-leaved			—	—	Africa.
* <i>zeylanica.</i>	Purple-striped			p.st.	July —	Ceylon.
CRINUM, <i>amabile.</i>	CRINUM. Striped-flowered	6. 1.		r.st.	Aug: —	Africa.
<i>americanum.</i>	American			w.	July —	S. Am.
<i>asiaticum.</i>	Asiatic			—	—	E. Ind.
<i>australe.</i>	Botany-Bay Lily.			—	—	N. Hol.

222 BULBOUS HOTHOUSE PLANTS.—Third Division, Sec. 4.

		Cl. Or.	Col.	Flow.	Soil.	Country.
CRINUM, <i>erubescens</i> , <i>giganteum</i> , <i>latifolium</i> .	CRINUM. Purple-stalkt Gigantic Tourbon Lily.	6. 1.				
			p.w.	July	R.M.	W. Ind.
			g.w.	Aug:	—	Africa.
			w.	—	—	E. Ind.
HEMANTHUS, <i>albiflos</i> . <i>carinatus</i> . <i>ciliaris</i> . <i>coarctatus</i> . <i>coccineus</i> . <i>lanceifolius</i> . <i>longifolius</i> . <i>multiflorus</i> . <i>orbicularis</i> . <i>pilosus</i> . <i>pubescens</i> . <i>puniccus</i> . <i>quadrivalvis</i> . <i>spathulatus</i> . <i>tigrinus</i> . <i>toxicarius</i> .	HEMANTHUS. White-flowered— Keeled-leaved Fringed-leaved Compressed-flowd: Blood-Flower. Spear-leaved Long-leaved Many-flowered Round-leaved Hairy-leaved Downy-leaved Waved-leaved Four-valved Spatula-shaped Spotted-leaved Poisonous	6. 1.				
			w.	June	R.M.	C.G.H.
			pk.	—	—	—
			f.	—	—	—
			pk.	Mar:	—	—
			r.	Aug:	—	—
			—	—	—	—
			pk.	July	—	—
			d.r.	—	—	Sier. Leon
			f.	Aug:	—	C.G.H.
			w.	June	—	—
			—	—	—	—
			o.	July	—	—
			f.	Sept:	—	—
			—	—	—	—
			f.	July	—	—
ORNITHOGALUM, <i>arabicum</i> . <i>caudatum</i> . <i>latifolium</i> .	STAR of BETHLEHEM. Arabian Long-leaved Broad-leaved	6. 1.				
			w.br.	May	R.M.	Egypt.
			g.w.	Apr:	—	C.G.H.
			w.	June	—	Egypt.
PANCRACTIUM, <i>amboinense</i> . <i>amœnum</i> . <i>calythinum</i> . <i>carolineanum</i> . <i>fragrans</i> . <i>littorale</i> . <i>mexicanum</i> . <i>rotatum</i> . <i>speciosum</i> . <i>zeylanicum</i> .	PANCRACTIUM. Amboyna Broad-leaved Linear-leaved Carolina Fragrant Sea-side Mexican Large-crowned West Indian Ceylon	6. 1.				
			w.	May	R.M.	Amboyna
			—	Aug:	—	S. Am.
			l.y.	—	—	—
			w.	July	—	Carolina.
			—	Aug:	—	Barbados
			—	—	—	Jamaica.
			f.	July	—	Mexico.
			w.p.	Aug:	—	Carolina.
			w.	—	—	W. Ind.
			p.w.	July	—	Ceylon.

The same mixture is required for the plants of this section, as described for the Greenhouse Bulbs. 'Tis true they may be all kept as specimens in botanical collections, on shelves; but, if it is wished that they should flower, they must be plunged in the bark-bed, and more especially those marked with an *.

HERBACEOUS HOTHOUSE PLANTS.

DIVISION III.—SECTION V.

		Cl. Or.	Prop.	Flw.	Soil.	Place.	Country.
ACHYRANTHES,	ACHYRANTHES.	17. 4.					
porrigens.	Crimson-flowered		Cut:	Aug:	R.M.M.H.	E. Ind.	
ADIANTUM,	MAIDENHAIR.	24. 1.					
reniforme.	Kidney-shp'd:-lvd:		Root	July	S.P. D.H.	Madeira.	
trapeziforme.	Rhomb-shp'd:-lvd:		—	—	—	Jamaica.	
ÆRIDEA,	AIR PLANT.	20. 1.					
odoratum.	Fragrant		Suc:	May	—	M.H.	China.
ALSTRÆMERIA,	ALSTRÆMERIA.	6. 1.					
Ligtu.	Striped-flowered		Root	Mar:	S.P.M.H.	Pera.	
Salsilla.	Eatable-rooted		—	Oct:	—	—	—
ARUM,	ARUM.	21. 7.					
auritum.	Ear-leaved		Root	S.P. D.H.	S. Am.		
bicolor.	Two-colored		—	July	—	—	—
Colocasias.	Egyptian		—	—	—	Levant.	
divaricatum.	Divaricated		—	June	—	E. Ind.	
esculentum.	Eatable		—	Aug:	—	S. Am.	
macrorrhizon.	Long-rooted		—	—	—	E. Ind.	
orixense.	Orixian		—	Sept:	—	—	—
sagittifolium.	Arrow-leaved		—	—	—	W. Ind.	
seguinum.	Dumb Cane.		—	May	—	S. Am.	
trilobatum.	Three-lobed		—	June	—	Ceylon.	
ASPLENIUM,	SPLEENWORT.	24. 1.					
marinum.	Sea		Root	Aug:	S.P.D.H.	Britain.	
præmorsum.	Bitten-ended:-lvd:		—	—	—	Jamaica.	
striatum.	Striatum		—	Aug:	—	—	—
BEGONIA,	BEGONIA.	21. 7.					
acuminata.	Tapered-leaved		Cut:	Sept:	S.P. D.H.	Jamaica.	
dichotoma.	Forked		—	Aug:	—	Caraccas.	
Evansiana.	Two-colored		Root	—	—	China.	
macrophylla.	Large-leaved		Cut:	—	—	Jamaica.	
nitida.	Shining-leaved		—	July	—	—	—
BESLERIA,	BESLERIA.	14. 2.					
melittifolia.	Balm-leaved		Root	July	S.P. D.H.	Guinea.	
BLECHNUM,	BLECHNUM.	24. 1.					
occidentale.	South American		Root	July	S.P.D.H.	S. Am.	
radicans.	Rooting-leaved		—	Aug:	—	Madeira.	
BUTTNERIA,	BUTTNERIA.	5. 1.					
scabra.	Rough-leaved		Cut:	July	P.L.M.H.	S. Am.	
CÆSULIA,	CÆSULIA.	19. 1.					
axillaris.	Axillary-flowered		Root	Aug:	P.L.D.H.	E. Ind.	

224 HERBACEOUS HOTHOUSE PLANTS.—Third Division. Sec. 5.

		Cl. Or.	Prop.	Flow.	Soil.	Place.	Country.
CALEA,	CALEA.	19.	1.				
lobata.	Halberd-weed.			Root	July	S.P. D.H.	Jamaica.
CALYPSO,	CALYPSO.	8.	1.				
repens.	Creeping-rooted			Root	July	S.P. D.H.	W. Ind.
COLUMNÆA,	COLUMNÆA.	14.	2.				
hirsuta.	Hairy			Cut:	Sept:	S.P.M.H.	Jamaica.
scandens.	Climbing						
COMMELINA,	COMMELINA.	3.	1.				
africana.	African			Root	July	S.P. D.H.	C.G.H.
bengalensis.	Bengal			June			E. Ind.
tuberosa.	Tuberos-rooted			July			Mexico.
CYMBIDIUM,	CYMBIDIUM.	20.	1.				
hyacinthinum.	Hyacinthine			Root	July	S.P.D.H.	W. Ind.
verecundum.	Tall						China.
CYRILLA,	CYRILLA.	14.	2.				
putchalla.	Scarlet-flowered			Root	Sept:	S.P.B.H.	Jamaica.
DIANELIA,	DIANELIA.	6.	1.				
ensifolia.	Sword-leaved			Suc:	Aug:	S.P. D.H.	E. Ind.
DRONÆA,	DRONÆA.	10.	1.				
Muscipula.	Venus's Fly-trap.			Suc:	Aug:	S.P.M.H.	Coralha.
DORSTENIA,	DORSTENIA.	4.	1.				
Contrajerva.	Contrajerva-root			Suc:	Aug:	P.L.D.H.	S. Am.
ELEPHANTOPHUS,	ELEPHANTOPUS.	19.	5.				
scaber.	Rough-leaved			Cut:	Aug:	S.P. M.H.	E. Ind.
EPIDENDRUM,	EPIDENDRUM.	20.	8.				
aloifolium.	Aloe-leaved			Suc:	June	S.P. D.H.	E. Ind.
ciliare.	Fringed-flowered			July			Jamaica.
cochleatum.	Dark Purple-flowd:			Nov:			
comosum.	Florida			July			Florida.
elongatum.	Long-stalked			Nov:			W. Ind.
ensifolium.	Sword-leaved			Aug:			China.
fragrans.	Sweet-scented			Sept:			Jamaica.
fuscatum.	Brown			Aug:			
nutans.	Nodding-flowered			Nov:			
sinense.	Chinese			Sept:			China.
umbellatum.	Umbel-flowered			July			Jamaica.
FLAGELLARIA,	FLAGELLARIA.	6.	3.				
indica.	Indian			Suc:	July	P.L. D.H.	E. Ind.
GLOXIOSA,	GLOXIOSA.	6.	1.				
superba.	Superb			Root	Aug:	S.P.M.H.	Africa.
GLOXINIA,	GLOXINIA.	14.	2.				
maculata.	Spotted			Cut:	Aug:	S.P. D.H.	S. Am.
speciosa.	Shewy						
GRATIOLA,	HEDGE HYSSOP.	2.	1.				
Monniera.	Thyme-leaved			Cut:	Aug:	S.P. D.H.	Both Ind.
ISOCHILUS,	ISOCHILUS.	20.	1.				
linearis.	Linear			Suc:	Aug:	S.P. D.H.	Cuba.
prolifer.	Proliferous						
JUSSIEUA,	JUSSIEUA.	10.	1.				
aufruticosa.	Tall			Cut:	Aug:	S.P. D.H.	E. Ind.
JUSTICIA,	JUSTICIA.	2.	1.				
comata.	Balsam Herb.			Root	Aug:	S.P. D.H.	Jamaica.

HERRACEOUS HOTHOUSE PLANTS. — Third Division. See 15. 225

		Cl.	Or.	Prop.	Flow.	Soil.	Place.	Country.
JUSTICIA,	JUSTICIA.	2.	1.					
pectoralis.	Garden Balsam.			Lay:	Aug:	S.P.	D.H.	Jamaica.
procumbens:	Creeping			—	—	—	—	E. Ind.
LEEA,	LEEA.	5.	1.					
crispa.	Fringed-stalked			Root	Oct:	S.P.	M.H.	E. Ind.
macrophylla.	Large-leaved			—	—	—	—	—
LIMODORUM.	LIMODORUM.	20.	1.					
Tankervillei.	Lord Tankerville's			Suc:	Apr:	S.P.	D.H.	China.
LOBELIA,	LOBELIA.	19.	6.					
assurgens.	Purple Jamaica			Cut:	Sept:	S.P.	M.H.	W. Ind.
longiflora.	Long-flowered			Seed	July	—	—	—
surinamensis.	Surinam			Cut:	June	—	—	S. Am.
MARICA,	MARICA.	3.	1.					
martinicensis.	Martinico			Suc:	June	S.P.	D.H.	W. Ind.
Northiana.	Mrs. North's			—	Aug:	—	—	Guinea.
paludosa.	Marsh			—	—	—	—	—
NAMA,	NAMA.	5.	2.					
jamaicensis.	Jamaica			Seed	July	S.P.	D.H.	Jamaica.
NEOTTIA,	NEOTTIA.	20.	1.					
elata.	Tall			Suc:	May	S.P.	D.H.	Guinea.
orchioides.	Frosted			—	—	—	—	Jamaica.
picta.	Spotted-leaved			—	—	—	—	W. Ind.
speciosa.	Shewy			—	Dec:	—	—	—
OLDENLANDIA,	OLDENLANDIA.	4.	1.					
umbellata.	Indian Madder.			Root	Aug:	S.P.	D.H.	E. Ind.
PELIOSANTHES,	PELIOSANTHES.	6.	1.					
Teta.	Chittagong			Suc:	June	S.P.	M.H.	E. Ind.
PHYTOLACCA,	PHYTOLACCA.	10.	5.					
octandra.	White-flowered			Seed	June	S.P.	D.H.	Mexico.
PLUMBAGO,	LEAD-WORT.	5.	1.					
rosea.	Rose-colored			Suc:	July	R.M.	D.H.	China.
scandens.	Climbing			—	—	S.P.	—	W. Ind.
zeylanica.	Ceylon			—	—	—	—	Ceylon.
POLYPODIUM,	POLYPODY.	24.	1.					
asplenifolium.	Spleenwort-lvd:			Suc:	—	S.P.	D.H.	W. Ind.
aurcum.	Golden			—	May	—	—	—
effusum.	Spreading			—	Nov:	—	—	—
pectinatum.	Comb-leaved			—	Sept:	—	—	—
phyllitidis.	Hart's-tongue			—	July	—	—	—
POTHOS,	POTHOS.	20.	7.					
acaulis.	Stemless			Suc:	July	S.P.	D.H.	Jamaica.
cannæfolia.	Canna-leaved			—	June	—	—	—
cordata.	Heart-leaved			—	May	—	—	S. Am.
crassinervia.	Thick-nerved			—	—	—	—	—
lanceolata.	Spear-leaved			—	July	—	—	Barbados
macrophylla.	Large-leaved			—	May	—	—	W. Ind.
PTERIS,	BRAKE.	24.	1.					
grandifolia.	Large-leaved			Suc:	—	S.P.	D.H.	Jamaica.
longifolia.	Long-leaved			—	Aug:	—	—	—
serrulata.	Various-leaved			—	—	—	—	China.
RUELLIA,	RUELLIA.	14.	2.					
formosa.	Splendid			Cut:	Aug:	S.P.	D.H.	Brazil.
paniculata.	Paniced			—	—	—	—	Jamaica.

196 HERBACEOUS HOTHOUSE PLANTS.—Third Division, Sec. 3.

		Cl. Or.	Prop. Flow.	Soil.	Place.	Country.
RUSSELLIA, multiflora.	RUSSELLIA. Many-flowered	14.	2.		Cut: July S.P. D.H.	Mexico.
SALVIA, dominica. pseudo-coccinea.	SAGE. Dominica Pale Scarlet	2.	1.		Cut: July S.P. D.H.	W. Ind. S. Am.
SPHERANTHUS, indicus.	SPHERANTHUS. Indian	19.	8.		Cut: Sept: P.L.D.H.	E. Ind.
STACHYTARPHETA jamaicensis.	BASTARD VERVAIN. Jamaica	2.	1.		Cut: Sept: P.L.D.H.	Jamaica.
mutabilis.	Changeable-flowd:					S. Am.
prismatica.	Germander-leaved			June		W. Ind.
STEMODIA, parviflora.	STEMODIA. Small-flowered	14.	2.		Shc: Aug: P.L. D.H.	S. Am.
TACCA, integrifolia.	OTARHEITE SALEP. Entire-leaved	5.	1.		Suc: July S.P. M.H.	E. Ind.
pinnatifida.	Cut-leaved				Root	Sec. Isl.
TRADESCANTIA, crassifolia.	SPIDER-WORT. Thick-leaved	6.	1.		Lay: Sept: S.P.D.H.	Mexico.
discolor.	Two-colored				Suc: Aug: ———	S. Am.
geniculata.	Knotted				Lay: ———	W. Ind.
VERBENA, mexicana.	VERVAIN. Mexican	14.	2.		Cut: July S.P. D.H.	Mexico.
nodiflora.	Knot-flowered					Jamaica.
stæchadifolia.	Oval-spiked					
XYPHIDIUM, ceruleum.	XYPHIDIUM. Blue	3.	1.		Root	S.P.D.H. Cuba.

For the culture of the plants in the following section, His Grace the Duke of Malbro' has built two houses, under the denomination of Aquariums; their construction differs from the common Hothouse, by converting the usual Bark-Pit into a Water-Tank, lined with lead, wherein the plants are set, in a small quantity of light earth; some, indeed, are not removed from their pots. The flues pass under the Tank, and the path-way is equally wide on all sides. The remainder of the house is occupied by such plants as require a continual moist atmosphere. The usual method of creating these plants, is to place one or two small cisterns over the flues of the Hothouse, for those with smaller leaves; and to plunge in the bark-bed the broader leaved, such as the Eucaly, Nelumbium, and broad leaved Nymphaeas in large tubs.

AQUATIC HOTHOUSE PLANTS.

DIVISION III.—SECTION VI.

		Cl. Or.	Flow.	Country.
APONOGETON , angustifolium. distachyon. monostachyon.	APONOGETON . Narrow-leaved Broad-leaved Simple-spiked	6. 3.	July	C. G. H.
ARUM , macrorrhizon. venosum.	ARUM . Long-rooted Purple-flowered	21. 7.	Aug:	E. Ind.
BAMBUA , arundinacea.	BAMBU-CANE . Common	6. 1.	Mar:	E. Ind.
CYPERUS , alternifolius. Papyrus.	CYPERUS . Alternate-leaved Egyptian Papyrus.	3. 1.	Mar: Sept:	Madagas. Egypt.
DAMASONIUM , indicum.	DAMASONIUM . East Indian	6. 3.	Aug:	E. Ind.
EURYALE , d. ferox.	EURYALE . Prickly	13. 1.	July	E. Ind.
MENYANTHES , indica. ovata.	BUCK-BEAN . Indian Oval-leaved	5. 1.	June	C. G. H.
NELUMBium , speciosissimum.	NELUMBium . Sacred Indian Bean.	13. 6.	July	China.
NYMPHÆA , cœrulea. Lotus. pubescens. pygmaea. rubra. stellata. versicolor.	WATER LILY . Blue Egyptian Lotus. Indian Lotus. Pigmy Red Star-flowered Changeable	13. 1.	July Aug: June July	C. G. H. Egypt. E. Ind. China. E. Ind.
PONTEDERIA , cordata. dilatata.	PONTEDERIA . Heart-leaved Dilated	6. 1.	Aug: June	Virginia. E. Ind.
PHILYDRUM , lanuginosum.	PHILYDRUM . Woolly	1. 1.	July	China.
SAGITTARIA , lanceifolia. obtusifolia.	ARROWHEAD . Lance-leaved Blunt-leaved	21. 7.	July Aug:	Jamaica. E. Ind.
THALIA , dealbata.	THALIA . Mealy	1. 1.	Aug:	Caroline.

REEDY OR SCITAMENOUS HOTHOUSE PLANTS.

DIVISION III.—SECTION VII.

		Cl. Or.	Col.	Flow.	Soil.	Country.
ALPINIA,	ALPINIA.	1. 1.				
Ahughas.	Ceylon		Suc:	Mar:	S.P.	Ceylon.
occidentalis.	Jamaica		—	—	—	Jamaica.
racemosa.	Clustered		—	—	—	
ANOMUM,	ANOMUM.	1. 1.				
afzelii.	Sweet-scented		Root	May	S.P.	Sier. Leon
Cardamomum.	Cardamom.		—	—	R.M.	E. Ind.
Granum Paradisi.	Grains of Paradise.		—	—	—	—
CANNA,	INDIAN-SHOT.	1. 1.				
glauca.	Sea-green-ld:		Seed	July	S.P.	S. Am.
indica.	Common		—	—	—	Both Ind.
COSTUS,	COSTUS.	1. 1.				
arabicus.	Arabian		Root	Aug:	S.P.	Arabia.
speciosus.	Large-flowered		—	—	—	E. Ind.
spicatus.	Brazilian		—	June	—	Brazil.
CURCUMA,	TURMERICK.	1. 1.				
longa.	Long-rooted		Root	Aug:	R.M.	E. Ind.
Zedoaria.	Zedary.		—	June	—	—
GLOBBA,	GLOBBA.	1. 1.				
marantina.	Marantine		Root	Aug:	S.P.	—
sessiliflora.	Sessile-flowered		—	—	—	—
HEDYCHIUM,	HEDYCHIUM.	1. 1.				
angustifolium.	Narrow-leaved		Suc:	Aug:	S.P.	E. Ind.
coronarum.	Sweet-scented		—	—	—	—
HELICONIA,	HELICONIA.	5. 1.				
Bihai.	Wild Plantain.		Suc:	July	S.P.	S. Am.
psittacorum.	Parrot-beaked		—	Aug:	—	—
KEMPFERIA,	KEMPFERIA.	1. 1.				
angustifolia.	Narrow-leaved		Root	May	S.P.	E. Ind.
Galanga.	Galangale.		—	Aug:	—	—
rotunda.	Round-rooted		—	—	—	—
speciosa.	Shewy		—	—	—	—
MANTISIA,	MANTISIA.	1. 1.				
saltatoria.	Trembling-flowd:		Suc:	Oct:	S.P.	E. Ind.
MARANTA,	ARROW-ROOT.	1. 1.				
arundinacea.	Indian		Suc:	Aug:	S.P.	S. Am.
MUSA,	PLANTAIN-TREE.	23. 1.				
coccinea.	Scarlet-flowered		Suc:	Dec:	S.P.	Java.
paradisiaca.	Common		—	Nov:	—	Both Ind.
sapiantum.	Banana-Tree.		—	—	—	—

SCITAMENOUS HOTHOUSE PLANTS.—Third Division, Sec. 7. 229

	Ch. Or.	Prop.	Flow.	Soil.	Country.
OLYRA, <i>paniculata.</i>	21. 3.				Suc: July S.P. <i>W. Ind.</i>
RENEALMIA, <i>calcarata,</i> <i>nutans.</i>	1. 1.				Suc: Sept: S.P. <i>E. Ind.</i> — Aug: — <i>S. Am.</i>
SACCHARUM, <i>officinarium.</i>	3. 2.				Suc: — R.M. <i>Both Ind.</i>
STRELITZIA, <i>Reginæ.</i>	5. 1.				Suc: May P.L. <i>C.G.H.</i>
— <i>alba.</i>					— May — — —
— <i>angustifolia.</i>					— — — — —
— <i>junceæ,</i>					— — — — —
— <i>nana.</i>					— — — — —
— <i>ovata.</i>					— Mar: — — —
— <i>parvifolia.</i>					— June — — —
URANIA, <i>speciosa.</i>	6. 1.				Suc: Mar: P.L. <i>Madagas.</i>
ZINGIBER, <i>mioga.</i> <i>officinale.</i> <i>purpureum.</i> <i>Zerumbit.</i>	1. 1.				Root — R.M. <i>Japan.</i> — Sept: — <i>Both Ind.</i> — — — <i>E. Ind.</i>
GINGER. <i>Japanese</i> <i>Common</i> <i>Purple-bracted</i> <i>Broad-leaved</i>					

INDEX GENERUM

TO

THE HOTHOUSE PLANTS.—DIVISION III.

A.		Bambusa	- 227	Caryota	- 199
Adroma	- 193	Banisteria	- 197	Cassia	- ib.
Alnus	- 214	Barleria	- ib.	Catesbæa	- ib.
Achania	- 195	Barringtonia	- ib.	Cecropia	- ib.
Achras	- ib.	Basella	- 214	Cedrela	- ib.
Achyranthes	- 223	Bassia	- 197	Celtis	- ib.
Adansonia	- 195	Bauhinia	- ib.	Cerbera	- ib.
Adenanthera	- ib.	Begonia	- 223	Cestrum	- ib.
Adiantum	- 223	Besleria	- ib.	Chamædorea	- ib.
Aegiphila	- 195	Rignonia	197, 214	Chamaerops	- ib.
Aegle	- 193	Bixa	- 197	Chiococca	- ib.
Aerides	- 223	Blakia	- ib.	Chloranthus	- ib.
Aeschynomene	- 195	Blechnum	- 223	Chomelia	- 200
Agave	- 217	Blighia	- 197	Chrysobalanus	- ib.
Aizelia	- 196	Bocconia	- ib.	Chrysophyllum	- ib.
Ailanthus	- ib.	Bombax	- 198	Cicca	- ib.
Alaungium	- ib.	Bontia	- ib.	Cinchona	- ib.
Allium	- 221	Borassus	- ib.	Cissampelos	- 214
Aleurites	- 196	Bromelia	- 217	Cissus	- ib.
Allamanda	- ib.	Brossimum	- 198	Citharexylum	- 200
Aloe	- 217	Brownea	- ib.	Clerodendrum	- ib.
Alpinia	- 223	Brucea	- ib.	Clusia	- ib.
Alstroemeria	- 223	Brunfelsia	- ib.	Coccoloba	- ib.
Amaryllis	- 221	Bubroma	- ib.	Coccus	- ib.
Amerinum	- 196	Bucida	- ib.	Coderium	- ib.
Amomum	- 223	Bumelia	- ib.	Coffea	- ib.
Amyris	- 196	Bursera	- ib.	Columnnea	- 224
Anacardium	- ib.	Butea	- ib.	Commelina	- ib.
Annona	- ib.	Butneria	- 223	Comocladia	- 200
Antidesma	- ib.			Conocarpus	- ib.
Aponogeton	- 227	C.		Convolvulus	- 214
Aralia	- 196	Cactus	- 218	Conyza	- 200
Ardisia	- ib.	Cæsalpinea	- 198	Cookia	- ib.
Areca	- ib.	Cæsulia	- 223	Copaifera	- 201
Aristolochia	- 214	Calea	- 224	Corchorus	- ib.
Arctocarpus	- 196	Callicarpa	- 198	Cordia	- ib.
Arum	223, 227	Callisia	- 224	Corypha	- ib.
Asclepias	- 196	Calophyllum	- 198	Costus	- 228
Asplenium	- 223	Cameraria	- ib.	Cratæva	201, 214
Atragene	- 214	Canella	- ib.	Crescentia	- 201
Aubletia	- 197	Canna	- 228	Crinum	- 221
Averrhoa	- ib.	Capparis	- 198	Crossandra	- 201
B.		Carica	- 199	Crotolaria	- ib.
Bactris	- 197	Carissa	- ib.	Croton	- ib.
Bæobotris	- ib.	Carolinia	- ib.	Curcuma	- 228

Nelumbium	- 227	Psychotria	- 210	Stilago	- 211
Neottia	- 225	Pteris	- 225	Streptizia	- 229
Nereum	- 208	Pterocarpus	- 210	Strychnos	- 211
Nissolia	- 215	Pterospermum	- ib.	Swietenia	- ib.
Nyctanthes	- 208				
Nymphaea	- 227				
		Q.		T.	
O.		Quassia	- 210	Tabernaemontana	211
Ochroma	- 209			Tacca	- 226
Oldenlandia	- 225	R.		Talinum	- 220
Olea	- 209	Rauwolfia	- 210	Tamarindas	- 212
Olyra	- 229	Renalmia	- 229	Tectona	- ib.
Omphalea	- 209	Rhamnus	- 210	Terminalia	- ib.
Ophoxylon	- ib.	Rhaphis	- ib.	Thalia	- 227
Ormosia	- ib.	Rhus	- ib.	Theobroma	- 212
Ornithogalum	- 222	Rivinia	- ib.	Thrinax	- ib.
Ornithophe	- 209	Robinia	- ib.	Thunbergia	- 216
Oxyanthus	- ib.	Rondeletia	- ib.	Tillandsia	- 220
		Rottleria	- ib.	Tournefortia	212, 216
P.		Roxburghia	- 216	Tradescantia	- 226
Panax	- 209	Rubus	- ib.	Trewia	- 212
Pancratium	- 222	Ruellia	- 225	Triopteris	- ib.
Pandanus	- 218	Ruizia	- 210	Turnera	- ib.
Parkinsonia	- 209	Russelia	- 226		
Passiflora	- 215			V.	
Pavetta	- 209	S.		Vangueria	- 212
Paullinia	- ib.	Saccharum	- 229	Vanilla	- 216
Peliosanthes	- 225	Sagittaria	- 227	Varronia	- 212
Pergularia	- 216	Salvia	- 226	Verbena	- 226
Petiveria	- 209	Samyda	- 211	Vinca	- 212
Petrea	- ib.	Sansevieria	- 219	Vitex	- 216
Phoenix	- ib.	Sapindus	- 211	Volkameria	- 212
Philydram	- 227	Sapium	- ib.		
Phyllanthus	- 209	Schaefferia	- ib.	U.	
Phytolacca	- 225	Securidaca	- 216	Urania	- 229
Picramnia	- 209	Securinega	- 211	Urena	- 212
Pinus	- ib.	Sesuvium	- 219	Urtica	- ib.
Piper	- 219	Siderodendron	- 211	Uvaria	- ib.
Piscidia	- 209	Sloanea	- ib.		
Pisonia	- ib.	Smilax	- 216	W.	
Pitcairnia	- 219	Solandra	- 211	Waltheria	- 212
Plukenetia	- 216	Solanum	- ib.		
Plumbago	- 225	Sophora	- ib.	X.	
Plumaria	- 209	Spathelia	- ib.	Xanthochymus	- 212
Poinciana	- 210	Spermacoe	- ib.	Ximenia	- ib.
Polypodium	- 225	Sphaeranthus	- 226	Xyphidium	- 226
Pontederia	- 227	Spondias	- 211	Xylophylla	- 212
Portlandia	- 210	Stachytarpheta	- 226	Xylopia	- 212
Pothos	- 225	Stapelia	- 219	Z.	
Psidium	- 210	Stemodia	- 226	Zamia	- 212
		Sterculia	- 211	Zinziber	- 229

ENGLISH INDEX

TO

THE HOTHOUSE PLANTS.—DIVISION III.

A.		Button-Tree - 200	F.		
Air-Plant -	223	Button-wood - 211	Fiddle-wood -	200	
Akee-Tree -	197		Fig-Tree -	203, 215	
Alligator-Apple -	196	C.		Fish Poison -	203
Anchovy-Pear -	204	Cabbage-Tree -	196	Flea-bane -	200
Anotta -	197	Calaba-Tree -	198	Flower-fence -	210
Arrow-head -	227	Calabash-Tree -	201		
Arrow-root -	228	Candle-Tree -	196	G.	
Auricula-Tree -	196	Cape-Coast Lily -	221	Galangale -	228
		Caper-Tree -	198	Garden-Balsam -	225
B.		Carambola-Tree -	197	Garlick -	221
Balsam of Capeivi -	201	Cardamom -	228	Garlick-Pear -	201
Balsam-Tree -	200	Cashew-nut -	196	Ginger -	229
Balsam-Herb -	224	Cassia -	206	Goat's Rue -	203
Bambu -	196, 227	Cassava -	205	Grains of Paradise -	228
Banana -	228	Changeable Rose -	205	Great Fan Palm -	201
Banyan -	203	Chaste-Tree -	216	Ground Ratan -	210
Barbadoes Cherry -	206	Chaw-stick -	204	Guava -	ib.
Barbadoes Gooseberry -	218	China-Rose -	205	Guinea-ben Weed -	209
Barbadoes Lily -	221	Chinese Creeper -	216	Gum Arabic -	208
Basiletto -	198	Chinese Laurel -	211	Gum Elastic -	215
Bastard Bully-Tree ib.		Chocolate-nut Tree -	212	Gum-Tree -	205
Bastard Cedar -	198, 199	Cinnamon -	206		
Bastard Flower-fence -	195	Cocoa-nut-Tree -	200	H.	
Bastard Hibiscus ib.		Cocoa Plum-Tree -	ib.	Hedge Hyssop -	224
Bastard Ipecacuanha -	196	Coffee-Tree -	ib.	Hog Plum -	211
Bastard Iron-wood -	205	Contrajerva root -	224	Honey-berry -	207
Bastard Mangeneel -	198	Coral-Tree -	202	Horse-eye Bean -	215
Bastard Vervain -	226	Cotton-Tree -	204	Horse-radish-Tree -	205
Bengal Quince -	195	Cow-itch -	215		
Bilimbi-Tree -	197	Cuckold-Tree -	207	I.	
Birthwort -	214	Custard Apple -	196	Indian Lotus -	227
Black-Olive -	198			Indian Madder -	225
Blood-Flower -	222	D.		Indian Oak -	212
Bonduc -	204	Date Palm -	209	Indian-rubber Tree -	203
Botany-Bay Lily -	221	Date-Plum -	202	Indian Shot -	228
Brake -	225	Dragon's-blood Tree -	210	Inga-Tree -	207
Bramble -	216	Dragon-Tree -	202	Iron-Tree -	211
Bread-fruit -	196	Dumb Cane -	223		
Bread-nut -	198	Dwarf Fan Palm -	199	J.	
Buck-Bean -	227	E.		Jaca-Tree -	196
Buck-Thorn -	210	Eatable Okro -	205	Jack in a Box -	204
		Egyptian Lotus -	227	Jalap-root -	214
		Egyptian Papyrus ib.		Jamaica Bark -	198
				Jamaica Birch -	ib.

Jamaica Dogwood	209	Otaheite Myrtle	211	Spider-wort	- 226
Jamaica Ebony	- 196	Otaheite Salep	226	Spleen-wort	- 223
L.		P.		Sponge-Tree	- 207
Lance-wood	- 212	Papaw-Tree	- 199	Spurge	- 202, 218
Laurel	- 206	Passion Flower	215	Star Apple	- 200
Leadwort	- 223	Pepper Plant	- 219	Star of Bethlehem	222
Lee Chee	- 202	Periwinkle	- 212	St. Helena Ebony	207
Lily Thorn	- 199	Physic Nut	- 205	St. Helena Red-wood	207
Locust-Tree	- 203	Pimento-Tree	- 208		207
Logwood	- 204	Pine-Apple Plant	217	Sugar-Apple	- 196
Looking-glass Plant	204	Pine-Tree	- 209	Sugar-Cane	- 229
M.		Pinpillow	- 210	Sumach	- 210
Mahogany-Tree	212	Plantain-Tree	- 228	Supple Jack	- 209
Maiden-hair	- 223	Poison Nut	- 211	Swallow-wort	196, 214
Maiden Plum	- 200	Polypody	- 225	Switch Sorrel	- 202
Malabar Nightshade		Prickly-pole	- 200		
	214	R.		T.	
Malay Apple	- 202	Ratta Fruit	- 205	Tallow-Tree	- 201
Manchineel-Tree	203	Red-bead-Tree	- 211	Tamarind-Tree	- 212
Mango-Tree	- ib.	Robinson Crusoe	218	Thorn Apple	- 201
Mangosteen	- 203			Tourbon Lily	- 222
McJon Thistle, great	218	S.		Trumpet-Flow.	197, 214
Melon Thistle, small	ib.	Sacred Indian Bean	227	Trumpet-Tree	- 199
Mexican Lily	- 221	Sage	- 226	True Lotus-Tree	210
Milk Wood	- 198	Sago Palm	- 201	Turnerick Root	228
Mountain Ebony	214	Sand-box-Tree	- 205		
Moving Plant	- 204	Sappan-fruit	- 207	V.	
Musk Okro	- 205	Screw-Pine	- 218	Venus's Fly-trap	223
		Screw-Tree	- 204	Vervain	- 226
N.		Sea-side Laurel	- 212		
Nettle	- 212	Sea-side Grape	- 220	W.	
Nettle-Tree	- 199	Sensitive Plant	- 208	Wampee-Tree	- 200
Nightshade	- 211	Silk-Cotton-Tree	198	Water Lily	- 227
		Small Fan-Palm	212	West-coast creeper	216
O.		Snowberry-Tree	199	Wild Coffee	- 209
Oily Palm-Tree	202	Soldier-bush	- 208	Wild Liquorice	- 214
Oleander	- ib.	Soap-berry	- 211	Wild Plantain	- 228
Olive	- 209	Sour-Gourd	- 195		
Olive-wood	- 202	Sour-sop	- 196	Y.	
Otaheite Cicsnut	205	Spanish Elm	- 201	Yam	- 213
				Z.	
				Zapota	- 195

ERRATA IN DIVISION III.

- Page 212, after *Turnera*, add *Elm-leaved*
 — 216, for *Passiflora pefoliata*, read *perfoliata*
 — 219, add the two first letters to *Stapelia*
 — 220, line 33, before in general, add (,))
 — — line 40, for *Dellincus*, read *Dillenius*.

APPENDIX.

ANNUALS:

DIVIDED INTO FOUR SECTIONS,

AS,

Hardy, Half-Hardy, Tender, and Esculent.

The Colour of the Flower is marked thus—*w.* white, *f.* flesh, *pk.* pink or rose, *y.* yellow, *o.* orange, *p.* purple, *b.* blue, *r.* red, *br.* brown, *g.* green, *st.* striped or variegated, *l.* light, *d.* dark,

SECTION I.—HARDY ANNUALS.

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
ADONIS.	ADONIS.	13. 7.					
<i>miniata.</i>	Flos Adonis.		<i>r.</i>	July Com:	2.		<i>Europe.</i>
AGERATUM.	AGERATUM.	19. 1.					
<i>conyzoides.</i>	Hairy		<i>l.b.</i>	Aug: P.L.	1.		<i>America.</i>
AGROSTEMMA.	CAMPION.	10. 4.					
<i>Cœlirosa.</i>	Smooth-leaved		<i>f.</i>	July S.L.	1.		<i>Sicily.</i>
<i>Githago.</i>	Corn Cockle.		<i>st.</i>	June Com:	3.		<i>Britain.</i>
<i>nicænsis.</i>	Nicene		<i>w.</i>	July —	—		<i>S. France.</i>
ALYSSUM.	MADWORT.	15. 1.					
<i>calycinum.</i>	Calycine		<i>l.y.</i>	Aug: S.P.	1.		<i>Austria.</i>
<i>campestre.</i>	Field		—	July —	—		<i>S. Eu.</i>
AMARANTHUS.	AMARANTH.	21. 5.					
<i>caudatus.</i>	Love lies bleeding.		<i>r.</i>	July Com:	4.		<i>E. Ind.</i>
<i>flavus.</i>	Pale flowered		<i>l.y.</i>	—	—		—
<i>hybridus.</i>	Clustered		—	—	—		<i>Virginia.</i>
<i>hypocondriacus.</i>	Prince's Feather.		<i>d.r.</i>	—	—	5.	—
<i>lividus.</i>	Livid		—	—	—	—	<i>N. Am.</i>
AMBROSIA.	AMBROSIA.	21. 5.					
<i>artemisifolia.</i>	Mugwort-leaved		<i>g.</i>	Aug: Com:	2.		<i>N. Am.</i>
<i>elator.</i>	Tall		—	—	—	3.	—
<i>trifida.</i>	Trifid-leaved		—	—	—	4.	—
ANTHERICUM.	ANTHERICUM.	6. 1.					
<i>annuum.</i>	Annual		<i>y.</i>	July S.P.	½.		<i>C. G. H.</i>
ANTHEMIS.	CAMBULE.	19. 2.					
<i>arabica.</i>	Arabian		<i>d.y.</i>	Aug: S.L.	1½.		<i>Egypt.</i>
<i>maritima.</i>	Sea		<i>w.</i>	July S.L.	1.		<i>S. Eu.</i>
<i>valentina.</i>	Purple-stalked		<i>y.</i>	—	—	1½.	—

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
ANTHYLLIS, cornicina.	ANTHYLLIS. Horny	17. 4.	w.	July	Com:	1.	Spain.
tetraphylla.	Four-leaved						S. Eu.
ANTIRRHINUM, arvense.	SNAPDRAGON. Corn	14. 2.	y.	June	Com:	1.	Britain.
bipunctatum.	Two-spotted		p.y.	July	—	1.	S. Eu.
* Chalepense.	White-flowered		w.	—	—	1.	Levant.
hirtum.	Hairy		p	—	—	—	Spain.
* macrocarpon.	Large-capsuled		w.	—	S.L.	—	C.G.H.
medium.	Two-colored		r.w.	Aug:	—	2.	S. Eu.
Orontium.	Calf's-snout		p.y.	July	—	1.	Britain.
pelissierianum.	Violet-colored		b.	—	—	1.	S. Eu.
sparteum.	Branched		d.b.	—	—	1.	Spain.
speciosum.	Shewy		d.p.	—	—	1.	—
— flavum.	— yellow var:		y.	—	—	—	—
triphyllum.	Triphyllum		y.p.	—	—	—	Sicily.
versicolor.	Various-colored		p.y.	—	—	—	Spain.
viscosum.	Clammy		w.f.	—	—	—	—
ARCTOTIS, anthemoides.	ARCTOTIS. White-crowned	19. 4.	p.y.	July	S.L.	$\frac{1}{2}$.	C.G.H.
* tristis.	Sorrowful		d.y.	—	—	$\frac{1}{2}$.	—
ARTEMISIA, annua.	WORMWOOD. Annual	19. 2.	w.	Aug:	Com:	$\frac{1}{2}$.	Siberia.
pectinata.	Comb-leaved		—	July	—	$\frac{1}{2}$.	—
ASTER, annuus.	STAR-WORT Annual	19. 2.	w.	Sept:	S.P.	1.	N. Am.
ASTRAGALUS, contortuplicatus.	MILK-VETCH. Wave-podded	17. 4.	y.	Aug:	Com:	1.	Siberia.
hamosus,	Hook-podded		—	—	—	—	S. Eu.
trimestris.	Egyptian		—	July	—	—	Egypt.
uncatus.	Aleppo		—	Aug:	—	—	Syria.
BELLIS, annua.	DAIZY. Annual	19. 2.	w.	May	Com:	$\frac{1}{2}$.	S. Eu.
BELLUM, Bellidioides	BELLUM. Daizy-like	19. 2.	w.	July	Com:	$\frac{1}{2}$.	Italy.
minutum.	Small		—	—	—	—	Levant.
BISCUTELLA, coronopifolia.	BUCKLER MUSTARD. Stag's-horn-leaved	15. 1	w.	June	Com:	$\frac{1}{2}$.	S. Eu.
BLITUM, capitatum.	STRAWBERRY-BLITE. Berry-headed	1. 2.	r.	July	—	2.	Austria.
virgatum.	Berry-branched		—	Aug:	—	3.	S. Eu.
BRIZA, maxima.	QUAKING-GRASS. Great	3. 2.	w.	July	Com:	1.	S. Eu.
BUPLEURUM, rotundifolium.	HARE'S-EAR. Thorough-wax.	5. 2.	y.	June	Com:	2.	Britain.
CALENDULA, arvensis.	MARY-GOLD. Field	19. 4.	d.y.	July	Com:	2.	Europe.
* hybrida.	Great Cape		w.	—	S.L.	1.	C.G.H.
nudicaulis.	Naked-stalked		w.p.	—	—	1.	—
officinalis.	Pot.		o.	—	Com:	3.	S. Eu.
— flo: pleno.	— double flow:		—	—	—	—	—
pluvialis.	Small Cape		w.p.	—	S.L.	1.	C.G.H.
stellata.	Starry		o.	—	Com:	2.	Barbary.

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
CAMPANULA,	BELL-FLOWER.	5. 1.					
Erinus.	Forked		p.	July	S.L.	½.	S. Eu.
hybrida.	Corn		b.	June	—	—	England.
perfoliata.	Perfoliate		p.	July	—	1½.	N. Am.
Speculum.	Venus's Looking-glass.		p.	—	—	1.	S. Eu.
— flo: albo:	— White V. L.		w.	—	—	—	—
CATANANCHE,	CATANANCHE.	19. 1.					
lutea.	Yellow		l.y.	July	Com:	1½.	Greece.
CENTAUREA,	CENTAURY.	19. 3.					
crupina.	Black Bottles.		f.	June	Com:	3.	S. Eu.
Cyanus.	Corn Bottles.		b.	July	—	—	Britain.
— flo: striata.	— Striped C. B.		st.	—	—	—	—
* moschata cœr:	Sweet Sultan.		p.	Aug:	S.L.	—	Persia.
* — flo: alb:	— White flowered		w.	—	—	—	—
suaveolens.	Yellow Sultan.		y.	June	—	1½.	Levant.
CERINTHE,	HONEY-FLOWER.	5. 1.					
aspera.	Rough		y.p.	July	Com:	2.	S. Eu.
major.	Larger		—	—	—	3.	—
CHEIRANTHUS,	STOCK.	15. 2.					
annuus rub:	Ten-week Red		r.	Aug:	R.M.	1½.	S. Eu.
2. —	— Copper-color		d.p.	—	—	—	—
3. —	— Peach-color		f.	—	—	—	—
4. —	— Purple		p.	—	—	—	—
5. —	— White		w.	—	—	—	—
6. —	— Violet		d.b.	—	—	—	—
7. —	Wall-leaved Red		r.	—	—	—	—
8. —	— Copper		d.p.	—	—	—	—
9. —	— Peach		f.	—	—	—	—
10. —	— Purple		p.	—	—	—	—
11. —	— White		w.	—	—	1.	—
maritimus.	Virginia		r.	June	Com:	½.	—
— flo: alb:	— White flowered		w.	—	—	—	—
CHELIDONIUM,	HORN-POPPY.	13. 1.					
corniculatum.	Red		r.	July	S.L.	1½.	S. Ea.
hybridum.	Bastard		p.	—	—	—	Britain.
CHENOPODIUM,	GOOSE-FOOT.	5. 2.					
ambrosioides.	Mexican		g.	July	Com:	1½.	Mexico.
aristatum.	Bearded		—	—	—	1.	N. Am.
Botrys.	Jerusalem Oak.		—	Aug:	—	2.	S. Eu.
Scoparia.	Summer-Cypress.		—	—	—	3.	Greece.
CHLORA,	YELLOW-WORT.	8. 1.					
perfoliata.	Perfoliate		y.	July	S.L.	1.	Britain.
CISTUS,	CISTUS.	13. 1.					
* guttatus.	Spotted-flowered		y.p.	Aug:	S.L.	½.	Europe.
CLAYTONIA,	CLAYTONIA.	5. 1.					
perfoliata.	Perfoliate		w.	May	S.P.	½.	N. Am.
CLEONIA,	CLEONIA.	14. 1.					
* lusitanica.	Sweet		l.b.	June	Com:	1.	Portugal.
CONVOLVULUS,	BIND-WEED.	5. 1.					
sibiricus.	Siberian		f.	June	Com:	3.	Siberia.
siculus.	Small-flowered		l.b.	—	—	1.	S. Eu.
tricolor.	Tri-color or Minor		st.	July	—	3.	Barbary.

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
GERANIUM, moschatum.	GERANIUM.	16. 4.		f.	June	S.L.	1. Britain.
HEDYSARUM, caput-galli. crista-galli.	Musk-scented HEDYSARUM. Cock's-head Cock's-comb	17. 4.		f.	Aug:	S.L. 1½.	France. S. Eu.
HIBISCUS, Trionum. vesicarius.	HIBISCUS. Bladder Ketmia. African Ketmia.	1C. 7.		y.br.	Aug:	Com: 2.	Italy. C.G.H.
HIPPOCREPIS, multisiliquosa. unisiliquosa.	HORSE-SHOE VETCH. 17. 4.	4.		y.	Aug:	Com: 1.	S. Eu. Italy.
HYOSCYAMUS, albus.	HENBANE. 5. 1	1		w.	Aug:	Com: 1.	S. Eu.
IBERIS, amara. — major. umbellata alba. — purpurea. — rubra.	CANDY-TUFT. 15. 1. Common white — Large var: Umbellated white — Purple var: — Normandy	15. 1.		w.	Aug:	Com: 1.	Britain. S. Eu.
IMPATIENS, Noli tangere.	BALSAM. 19. 6.	6.		y.	July	S.P. 2.	Britain.
KNAUTIA, orientalis.	KNAUTIA. 4. 1.	1.		l.r.	June	Com: 3.	Levant.
LATHYRUS, annuus. articulatus. odoratus fl: alb: — fl: incar: — fl: varieg: — fl: purp: — fl: obscuro. — fl: striato. sativus. — fl: albo. tingitanus.	LATHYRUS. 17. 4. Yellow annual Jointed podded Sweet Peas, White. — Scarlet — Painted-lady — Purple — Black — Striped Anson's Peas. — White var: Tanjier Peas.	17. 4.		y.	July	Com: 4.	S. Eu.
LAVATERA, trimestris. — fl: albo.	LAVATERA. 16. 7.	7.		l.r.	Aug:	Com: 5.	S. Eu.
LINUM, hirsutum. usitatissimum.	FLAX. 5. 5.	5.		b.	July	Com: 1½.	S. Eu. Britain.
LOTUS, tetragonolobus. — fl: luteo.	BIRD'S-FOOT TREFOIL. 17. 4.	4.		d.r.	Aug:	Com: 2.	Sicily.
LUPINUS, albus. angustifolius. hirsutus. Inteus. — fl: pallido. pilosus. — fl: roseo. varius.	LUPINE. 17. 4. White Narrow-leaved Dutch Yellow — Straw-colored Large Blue Rose Small Blue	17. 4.		w.	July	Com: 3.	Levant. S. Eu.

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
LYCHNIS,	LYCHNIS.	10. 5.					
læta.	Small Portugal		f.	July	S.L.	½.	Portugal.
quadridentata.	Four-toothed		w.	June	—	¾.	Italy.
MALVA,	MALLOW.	16. 7.					
americana.	American		f.	July	Com:	6.	S. Am.
crispa.	Curled		w.	—	—	—	Syria.
limensis.	Blue-flowered		—	—	—	4.	Lima.
mauritiana.	Tall Scarlet		pk.	—	—	3.	Britain.
moschata.	Musk-smelling		r.	—	—	6.	S. Eu.
MEDICAGO,	MEDICK.	17. 4.					
aculeata.	Spiney		y.	Aug:	Com:	1.	S. Eu.
circinnata.	Kidney-podded		—	—	—	—	—
elegans.	Elegant		—	—	—	—	Sicily.
intertexta.	Hedgehog		—	—	—	—	S. Eu.
muricata.	Prickly		—	—	—	—	England.
minima.	Smallest		—	—	—	—	—
orbicularis.	Flat-round Snail		—	—	—	—	S. Eu.
scutellata.	Round Snail		—	—	—	—	—
tornata.	Smooth-podded		—	—	—	—	—
turbinata.	Turban		—	—	—	—	—
MOMORDICA,	MOMORDICA.	21. 8.					
Elaterium.	Squirting Cucumber.		y.	July	R.M.	4.	S. Eu.
NICOTIANA,	TOBACCO.	5. 1.					
rustica.	Common round-lvd:		g.	Aug:	Com:	5.	N. Am.
NISSILLA,	FENNEL-FLOWER.	13. 5.					
damascena.	Devil in a Bush.		l.b.	Aug:	Com:	2.	S. Eu.
— flo: pleno.	— Great double		w.g.	—	—	—	—
— — nana.	— Dwarf double		—	—	—	1.	—
hispanica.	Spanish		b.w.	—	S.L.	1½.	Spain.
* orientalis.	Yellow		y.	—	—	—	Syria.
* sativa.	Small-flowered		l.b.	—	—	—	Levant.
CENOTHERA,	CENOTHERA.	8. 1.					
purpurea.	Purple-flowered		p.	Aug:	S.L.	1.	N. Am.
tetraptera.	White-flowered		w.	—	—	—	Mexico.
PAPAYER,	POPPY.	13. 1.					
Rheas.	Corn		d.r.	July	Conf:	2.	Britain.
— flo: pleno.	— Double Red		—	—	—	—	—
— flo: variegato.	— Double varieg:		st.	—	—	—	—
Somniferum.	White Official		w.	—	—	4.	Levant.
1. — dble:	Fringed Carnation		r.st.	Aug:	—	—	—
2. — dble:	Blush Carnation		f.st.	—	—	—	—
3. — dble:	Black Carnation		d.p.	—	—	—	—
4. — dble:	Purple Carnation		p.	—	—	—	—
5. — dble:	Red Carnation		r.	—	—	—	—
RESEDA,	RESEDA.	11. 2.					
odorata.	Mignonette.		l.y.	July	R.M.	1.	Syria.
SALVIA,	SAGE.	2. 1.					
Hormium coma pur:	Purple-top'd Clary.		d.b.	Aug:	Com:	2.	S. Eu.
— coma rubra.	— Red-top'd Clary.		pk.	—	—	—	—
SAPONARIA,	SOAP-WORT.	10. 2.					
Vaccaria.	Perfoliate		pk.	July	Com:	2.	Germany.
SCABIOSA,	SCABIOUS.	4. 1.					
stellata.	Starry		w.	Aug:	Com:	3.	Spain.

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
SCORZONERA,	VIPER'S-GRASS.	19. 1.					
Picroides.	Prickly-cupt		y.	Aug: Com:	1.	S. Eu.	
tingitana.	Tanjer					Barbary.	
SCORPIURUS,	CATERPILLAR.	17. 4.					
muricata.	Smooth, small		y.	July Com:	2.	S. Eu.	
subvillosa.	Hairy, small						
vermiculata.	Common large						
SILENE,	CATCHFLY.	10. 2.					
acteon.	Horn'd-petal'd		pk.	July S.L.	1.	S. Eu.	
ægyptiaca.	Egyptian					1. Egypt.	
Armeria rub:	Lobel's Red		r.			2. Britain.	
— flo: alb:	— White var:		w.				
Behen.	Cretan bladder					1. Crete.	
œnoldea rub:	Conoid Red		r.			S. Eu.	
— alb:	— White		w.				
imæpeta.	Closed-flowered		br.			2. Madeira.	
nocturna.	Night-flowering					Britain.	
pendula.	Drooping-flowered		r.	Jan: —	1.	N. Am.	
pieta.	Painted-flowered		st.	Aug: —	2.	S. Eu.	
quinquevulnera.	Variegated		br.w.	June Com:	1.	Britain.	
rabella.	Small red		f.		1.	Portugal.	
vespertina.	Evening-scented		br.		2.	Barbary.	
TRIFOLIUM,	TREFOIL.	17. 4.					
cœruleum.	Sweet Mililot.		ld.	July Com:	3.	Germany	
incarnatum.	Flesh-colored		f.		1.	Italy.	
polonicum.	Polish Mililot.		lg.		2.	Poland.	
TROPAEOLUM,	NASTURTIUM.	8. 1.					
major.	Great		o.g.	Aug: S.L.	6.	Peru.	
— nana.	— Dwarf: var:				2.		
— minor.	Small				4.		
VIOLA,	VIOLET.	19. 6.					
tricolor.	Heart's-case.		b.g.	Aug: Com:	1.	Britain.	
— mac: major.	Large Pied H.		y.b.				
— mac: minor.	Small Pied H.						
URTICA,	NETTLE.	21. 4.					
pratensis.	Roman		g.	July Com:	1½.	England.	
XERANTHEMUM,	XERANTHEMUM.	19. 2.					
annuum.	Annual		pk.	Aug: S.L.	3.	S. Eu.	

HALF-HARDY ANNUALS.

APPENDIX.—SECTION II.

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
ARGEMONE, mexicana.	ARGEMONE. Mexican	13. 1.		y. Aug:	S.P.	2.	S. Am.
ASTER, sincensis purp:	STARWORT. Chinese Purple	19. 2.		d.p. Sep:	Com:	2.	China.
2. _____	Red			r. _____	_____	_____	_____
3. _____	Light Blue			l.b. _____	_____	_____	_____
4. _____	Flesh-colored			f. _____	_____	_____	_____
5. _____	White			w. _____	_____	_____	_____
6. _____	Purple-striped			p.st. _____	_____	_____	_____
7. _____	Red-striped			r.st. _____	_____	_____	_____
8. _____	Bonnet			r. _____	_____	_____	_____
9. _____	Purple Quill'd			p. _____	_____	_____	_____
10. _____	Red Quill'd			r. _____	_____	_____	_____
11. _____	Light Blue Quill'd			l.b. _____	_____	_____	_____
12. _____	Flesh-col: Quill'd			f. _____	_____	_____	_____
13. _____	White Quill'd			w. _____	_____	_____	_____
ATROPA, Physaloides.	ATROPA. Alkekengie.	5. 1.		b. Aug: Com:	4.		Peru.
BIDENS, heterophylla.	BIDENS. Various-leaved	19. 1.		y. July S.L.	2.		S. Am.
CACALIA, coccinea.	CACALIA. Scarlet	19. 1.		e. Sep: S.P.	1½.		China.
CARTHAMUS, tinctorius.	CARTHAMUS. Saff-Flower.	19. 1.		e. Aug: S.L.	3.		Egypt.
CELSIA, orientalis.	CELSIA. Oriental	14. 2.		br.y. July Com:	2.		Levant.
CISTUS, niloticus.	ROCK-ROSE. Egyptian	13. 1.		w. Aug: S.L.	½.		Egypt.
CONVOLVULUS, discolor.	BIND-WEED. Two-colored	5. 1.		b.w. Sep: Com:	6.		N. Am.
Michauxii.	Spotted-flowered			pk.w. _____	_____	_____	_____
purpurea.	Convolvulus major.			d.p. _____	_____	_____	_____
— flo: carneo.	— Pink C. major.			pk. _____	_____	_____	_____
— flo: cer: pall:	— Light Blue C. major.			l.b. _____	_____	_____	_____

The most approved method of raising the Convolvuli and Ipomœas, to perfection, is to sow them in very small pots, about three seeds in each pot, in the Greenhouse; allowing them to grow there till the month of June; when, they may, without injury to the roots or stopping their growth, be turned out to their destination.

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
CRYSANTHEMUM,	CRYSANTHEMUM.	19. 2.					
coronarium.	Garden	y.	Sep:	Com:	4.	Candia.	
— flo: albo.	— White var:	w.	—	—	—	—	
— pet: teretibus.	— Quill'd Yellow	y.	—	—	—	—	
— pet: ter: alb:	— White Quill'd	w.	—	—	—	—	
tricolor.	Three-colored	w.p.	—	—	2.	Barbary	
CUCUMIS,	CUCUMBER.	21. 8.					
Colocynthis.	Bitter Gourd.	y.	July	R.M.	6.	C.G.H.	
Dudaim.	Orange Melon.	—	—	—	—	Levant.	
flexuosus.	Snake Melon.	—	—	—	—	E. Ind.	
DATURA,	THORN-APPLE.	5. 1.					
ceratocaulis.	Stag's-horn branched	w.p.	Aug:	R.M.	3.	S. Am.	
Metel.	Downy	p.	—	—	2.	Asia.	
DIANTHUS,	PINK.	10. 2.					
sinensis.	Chinese	r.	Sep:	R.M.	1.	China.	
FUMARIA,	FUMITORY.	17. 2.					
vesicaria.	Bladder-podded	y.	July	S.L.	2.	C.G.H.	
GALINSOGEA,	GALINSOGEA.	19. 2.					
parviflora.	Small-flowered	d.y.	Aug:	Com:	3.	S. Am.	
triloba.	Three-lobed	o.	—	—	—	—	
GNAPHALIUM,	GNAPHALIUM.	19. 2.					
fetidum.	Strong-scented	l.y.	July	S.L.	2.	C.G.H.	
undulatum.	Waved-leaved	—	—	—	—	—	
HELIANTHUS,	SUN-FLOWER.	19. 3.					
annuus.	Annual Com:	y.	Aug:	Com:	6.	S. Am.	
— flo: pleno.	— Double	—	—	—	—	—	
— nanus.	— Dwarf	—	—	—	4.	—	
— floré pallido.	— Straw-colored	l.y.	—	—	6.	—	
IPOMŒA,	IPOMŒA.	5. 1.					
coccinea.	Scarlet Convolvulus.	d.r.	Sep:	S.P.	6.	N. Am.	
phœnicea.	Ivy-leaved	d.o.	—	—	—	S. Am.	
LOPEZIA,	LOPEZIA.	1. 1.					
racemosa.	Smooth Mexican	f.	Aug:	S.P.	1½.	Mexico.	
MIRABILIS,	MARVEL OF PERU.	5. 1.					
Jalapa lutea.	Common upright	y.	Sep:	R.M.	2.	Peru.	
— flo: rub:	— Red	r.	—	—	—	—	
— flo: rub: stria:	— Red-striped	r.st.	—	—	—	—	
— flo: lut: striat:	— Yellow-striped	y.st.	—	—	—	—	
— flo: albo.	— White	w.	—	—	—	—	
longiflora.	Sweet-scented	—	—	—	—	—	
MOMORDICA,	MOMORDICA.	21. 8.					
Balsamina.	Balsam Apple.	y.	Aug:	Com:	4.	E. Ind.	
Luffa.	Egyptian	l.y.	—	—	—	—	
MONOPSIS,	MONOPSIS.	5. 1.					
scintillaris.	Glittering	d.p.	July	S.P.	½.	N. Am.	
NICOTIANA,	TOBACCO.	5. 1.					
glutinosa.	Clammy-leaved	f.	Sep:	R.M.	4.	S. Am.	
paniculata.	Panicled	g.	—	—	3.	Peru.	
puilla.	Primrose-leaved	br.	—	—	—	VeraCruz	
Tabacum.	Virginia	pk.	—	—	4.	S. Am.	
— foliis maximis.	— Broad-leaved V.	—	—	—	—	—	
NOLANA,	NOLANA.	5. 1.					
prostrata.	Trailing	b.	Aug:	Com:	2.	Peru.	

		Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
POLYGONUM, orientale.	PERSICARIA. Red	8. 3.	r.	Sep: Com:	6.	E. Ind.	
— flo: albo.	— White		w.	— — — —	—	—	
RICINUS, communis.	PALMA CHRISTI. Common	21. 8.	w.	Aug: S.P.	½.	Both Ind.	
inermis.	Smooth-capsuled			— — — —	—	—	
viridis.	Green			— — — —	—	E. Ind.	
RICOTIA, egyptiaca.	RICOTIA. Egyptian	15. 1.	l.p.	July S.P.	½.	Egypt.	
RUDECKIA, amplexifolia.	RUDECKIA. Annual	19. 3.	y.	Sep: Com:	4.	N. Am.	
SENECIO, elegans purp:	GROUNDSEL. Purple Jacobaea.	19. 2.	p.	Sep: Com:	3.	C.G.H.	
— flo: albo pl:	— Dble: White Jaco:		w.	— — — —	—	—	
— flo: incar: pl:	— Dble: Flesh Jaco:		f.	— — — —	—	—	
SPILANTHES, Acmella.	SPILANTHES. Balm-leaved	19. 1.	y.	Aug: S.L.	1.	Ceylon.	
STEVIA, pedata.	STEVIA. Multifid	19. 1.	f.	Aug: S.P.	1½.	Mexico.	
serrata.	Saw'd-leaved			— — — —	—	—	
TAGETES, erecta lutea.	TAGETES. African Marygold.	19. 2.	y.	Sep: Com:	3.	S. Am.	
— aurantia.	— Orange var:		o.	— — — —	—	—	
— flor: teretibus.	— Quill'd var:		y.	— — — —	—	—	
— flor: teret: aur:	— Orange Quill'd		o.	— — — —	—	—	
lucida.	Sweet-scented			— — — —	—	1.	
patula simp:	French Marygold.		y.o.	— — — —	—	2.	Mexico.
— flo: pleno.	— Double Tall			— — — —	—	—	
— nana simp:	— Dwarf Single			— — — —	—	—	
— pleno.	— Double			— — — —	—	—	
tenuifolia.	Small-leaved		y.	— — — —	—	—	Peru.
TRICHOSANTHES, Anguina.	TRICHOSANTHES. Snake Gourd.	21. 8.	w.	Sep: Com:	4.	China.	
cucumerina.	Snake Cucumber.		y.	— — — —	—	E. Ind.	
XERANTHEMUM, lucidum.	XERANTHEMUM. Botany Bay	19. 2.	d.y.	Aug: Com:	5.	N. Hol.	
XIMENESIA, encelioides.	XIMENESIA. Mexican	19. 2.	y.	Sep: Com:	6.	Mexico.	
ZINNIA, multiflora rub:	ZINNIA. Red	19. 2.	r.	Aug: R.M.	2.	Peru.	
— lutea.	Yellow		y.	— — — —	—	—	
pauciflora.	Few-flowered			— — — —	—	—	
revoluta.	Recurved-flow'd		r.	— — — —	—	Mexico.	
verticillata.	Whorled-leaved			— — — —	—	—	
violacea.	Purple-flowered		p.	Sep: — — —	—	—	

TENDER ANNUALS.

APPENDIX.—SECTION III.

		Cl.	Or.	Col.	Flow.	Soil.	Hgt.	Country.
AMARANTHUS,	AMARANTH.	21.	5.					
bicolor.	Two-colored				f.y.	Aug:	R.M. 2.	E. Ind.
cruentus.	Various-leaved							3. China.
rubricaulis.	Red-stalkt							2. E. Ind.
tricolor.	Tri-color							3. ———
AMETHYSTEA,	AMETHYSTEA.	9.	1.					
cœrulea.	Blue				d.b.	July	S.P.	1. Siberia.
BROWALLIA,	BROWALLIA.	14.	2.					
demissa.	Spreading-brancht				l.b.	Aug:	R.M. 1½.	S. Am.
elate cœrulea.	Upright Blue				d.b.			2. Peru.
— flo: albo.	— White var:				w.			2. ———
BUCHNERA,	BUCHNERA.	14.	2.					
capensis.	Cape				w.	Aug:	S.P.	1. C.G.H.
foetida.	Stinking							1½. ———
CALCEOLARIA,	SLIPPER-WORT.	2.	1.					
pinnata.	Winged-leaved				l.y.	July	S.P.	2. Peru.
CAMPANULA,	BELL-FLOWER.	5.	1.					
capensis.	Cape				b.	July	S.P.	1. C.G.H.
debilis.	Weak-stalked				—	Aug:	—	N. Hol.
CARDIOSPERMUM,	HEARTSEED.	8.	3.					
* Halicacabum.	Smooth-leaved				w.	Aug:	Com:	4. Both Ind.
CASSIA,	CASSIA OF SENNA.	10.	1.					
* Chamæchrista.	Dwarf				y.	July	R.M.	1. W. Ind.
* Toræ.	Wild							3. E. Ind.
CELOSIA,	CELOSIA.	5.	1.					
argentea.	Silvery-spiked				l.f.	Aug:	R.M.	1. China.
castrensis.	Chinese brancht				p.			2. ———
cristata rub:	Common Tall Red				d.r.			2. E. Ind.
2. ———	Dwarf Red							4. ———
3. ———	Tall Buff				l.y.			2. ———
4. ———	Dwarf Buff							4. ———
5. ———	Imperial Red				d.r.			3. China.
6. ———	— Purple				d.p.			—
7. ———	— Buff				l.y.			—
8. ———	— Variegated				st.			—
CLEROME,	CLEROME.	15.	2.					
* pentaphylla.	Five-leaved				w.	July	S.P.	2. Both Ind.
* spinosa.	Spiney							W. Ind.
* viscosa.	Clammy				f.			Ceylon.
CLITORIA,	CLITORIA.	17.	4.					
Brasiliana.	Brazilian				b.	Aug:	S.P.	4. Brazil.
* ternatea.	Winged-leaved				b.w.			E. Ind.
* flo: albo.	— White-flowered				w.			—
CONVOLVULUS,	BIND-WEED.	5.	1.					
* nil.	Sky-blue				l.b.	Aug:	S.P.	2. S. Am.
* Pes-capræ.	Thick-leaved				f.	July	—	4. E. Ind.
tridentatus.	Trifid				b.	Aug:	—	—

	Cl. Or.	Col.	Flow.	Soil.	Hgt.	Country.
CROCOLARIA,						
• juncea.						
• verrucosa.						
DATURA,						
fastuosa pl:						
— flo: albo.						
GOMPHRENA,						
globosa rub:						
— flo: albo.						
— flo: striato.						
HEDYSARUM,						
gangeticum.						
vespertillio.						
HELIOPHILA,						
integritolia.						
HELIOTROPIMUM,						
indicum.						
IMPATIENS,						
Balsamina.						
2. —						
3. —						
4. —						
5. —						
6. —						
IPOMCEA,						
phoenicea.						
• Quamoclit.						
• — flo: albo.						
LOBELIA,						
coronopifolia.						
gracilis.						
MARTYNIA,						
• proboscidea.						
MESEMBRYAN-						
THEMUM,						
crystallinum.						
glabrum.						
pinnatifidum.						
MIMOSA,						
• pudica.						
• sensitiva.						
PENTAPETES,						
• phoenicea.						
PHYSALIS,						
prostrata.						
SIDA,						
cordifolia.						
Dilleniana.						
hastata.						
SOLANUM,						
Melongena.						
— fructu purp:						
CROCOLARIA.						
Rush-stalked						
Blue-flowered						
THORN-APPLE.						
Egyptian Dble:						
— White var:						
GLOBE AMARANTH.						
Common Red						
— White						
— Striped						
HEDYSARUM.						
Oval-leaved						
Bat's-wing-leaved						
HELIOPHILA.						
Entire-leaved						
HELIOTROPE.						
Annual						
BALSAM.						
Garden						
Flesh-colored dble:						
Bizar Tall dble:						
— Dwarf dble:						
Purple-striped dble:						
Scarlet-stp'd: dble:						
IPOMCEA.						
Dark Scarlet						
Fennel-leaved						
— White Fennel-ld:						
LOBELIA.						
Buck's-horn-ld:						
Slender-stalkt						
MARTYNIA.						
Horned-capsuled						
FIG-MARYGOLD.						
Ice Plant.						
Smooth-leaved						
Winged Ice Plant.						
MIMOSA.						
Sensitive Plant.						
Humble Plant.						
PENTAPETES.						
Scarlet-flowered						
WINTER-CHERRY.						
Trailing						
SIDA.						
Heart-leaved						
Dillenius's						
Halberd-leaved						
NIGHTSHADE.						
Egg Plant.						
— Purple-fruited						

ESCULENT ANNUALS.

APPENDIX.—SECTION IV.

		Cl. Or.	Flow.	Soil.	Country.
ATRIPLEX, hortensis.	ORACHE.	23. 1.			
— foliis rubris.	Garden		July Com:	Tartary.	
CAPRICUM,	— Red-leaved				
* annuum.	CAPRICUM.	5. 1.			
* 2. —	Common long Red		Aug: R.M.	Both Ind.	
* 3. —	— Long Yellow				
* 4. —	— Red Finger				
* 5. —	— Yellow Finger				
* 6. —	— Red Horn				
* 7. —	— Yellow Horn				
* 8. —	— Cherry				
* 9. —	— Upright				
* 10. —	— Small Cayenne				
* 11. —	— Yellow Turban				
* 12. —	— Yellow Pendulous				
* 13. —	— Red Bell Pepper				
* 14. —	— Yellow Bell Pepper				
* 15. —	— Red Heart				
	— Yellow Heart				
CENTAUREA, benedicta.	CENTUARY.	19. 3.			
CICHORIUM,	Blessed Thistle.		Aug: Com:	Spain.	
Endivia.	ENDIVE.	19. 1.			
— foliis crisp:	Batavian		July R.M.	E. Ind.	
— fol: crisp: albid:	Green curled				
Intibus.	White curled				
	Wild or Succory		Com:		
COCHLEARIA, officinalis.	SCURVY-GRASS.	15. 1.			
CORIANDRUM,	Common		May Com:	Britain.	
sativum.	CORIANDER.	5. 2.			
	Common		June Com:	England.	
CUCUMIS,	CUCUMBER.	21. 8.			
* sativus.	Common Garden		June R.M.	E. Ind.	
* 2. —	Early Frame				
* 3. —	— Long Prickly				
* 4. —	— Southgate				
* 5. —	— Baily's				
* 6. —	— White-spined				
* 7. —	Long Prickly-ridge		July		
* 8. —	Short Prickly-ridge				
* 9. —	Green Turkey				
* 10. —	White Turkey				

		Cl. Or.	Flow.	Soil.	Country.
		21. 8.	July R.M.	E. Ind.	
CUCUMIS,	CUCUMBER.				
* Melo.	Common Melon.				
* 2. _____	Early Cantaleupe				
* 3. _____	— Romana				
* 4. _____	— Polignac				
* 5. _____	— Pocket				
* 6. _____	— Scarlet				
* 7. _____	Black Rock	Aug:			
* 8. _____	Silver Rock				
* 9. _____	Scarlet Rock				
* 10. _____	Green Flesh Rock				
* 11. _____	Large Netted				
* 12. _____	Pale Flesh Dutch				
* 13. _____	Large Romana				
CUCURBITA,	GOURD.	27. 8.			
* arantia.	True Orange	Aug:Com:		Levant.	
* Citrullus.	Water Melon.			S. Eu.	
* lagenaria.	Bottle			Both Ind.	
* Melopepo.	Squash.			Levant.	
* Pepo.	Pumpion, large				
* verrucosa.	Warted				
* 2. _____	Green Pear-shaped				
* 3. _____	Striped Pear-shaped				
* 4. _____	Patagonian Cucumber.				
* 5. _____	Crown				
* 6. _____	Smooth Mottled				
* 7. _____	White-warted				
* 8. _____	Orange-striped				
CUMINUM,	CUMIN.	5. 2.			
cuminum.	Common	July Com:		Egypt.	
LACTUCA,	LETTUCE.	19. 1.			
sativa.	Garden	Aug:Com:		Syria.	
2. _____	Cabbage Brown Dutch				
3. _____	— Brown D. Forcing				
4. _____	— Capuchin				
5. _____	— Dutch White Forcing				
6. _____	— Hammersmith hardy				
7. _____	— Imperial				
8. _____	— Marseilles				
9. _____	— Silesia				
10. _____	— Spotted				
11. _____	— Sugar Dutch				
12. _____	— Tennis-ball				
13. _____	Coss Bath Brown				
14. _____	— Bonum Magnam				
15. _____	— Egyptian Black-seed				
16. _____	— Egyptian Dwarf				
17. _____	— Spotted or Aleppo				
18. _____	— White Lutton's				
19. _____	— White Dwarf				
LEPIDIUM,	PEPPER-WORT.	15. 1.			
sativum.	Garden Cress.	JuneCom:		S. Eu.	
— fol: crisp:	— Curled-leaved				

		Cl. Or.	Flow. Soil.	Country.
OCIMUM.	BASIL.	11. 1.	Aug. E. M.	E. Ind.
Basillanum	Common Sweet Bush			
minimum.				
PHASEOLUS.	KIDNEY-BEAN.	17. 4.	July Com:	E. Ind.
multiformis.	Scarlet Runner			
— sem: albis.	— White-seeded			
— sem: compres:	— White Dutch R.			
vulgaris.	Negro.			
2. —	Dwarf Canterbury			
3. —	China-spotted			
4. —	Cream-coloured			
5. —	Dutch Dwarf	Aug:		
6. —	Dun-coloured	July		
7. —	Fulmer's			
8. —	Liver-coloured			
9. —	Magpye	Aug:		
10. —	Pearl			
11. —	Speckled Black			
12. —	— Purple			
13. —	— Red			
14. —	Yellow Earlop	July		
PIMPINELLA.	BURNING-SAMENACE.	5. 2.	July Com:	Egypt.
Anisum.	Anise			
BISUM.	PEA.	17. 4.	May Com:	S. Eu.
sativum.	Garden or Charlton			
2. —	Early French C.			
3. —	— Frame Single-blossom			
4. —	— Frame Double-blossom			
5. —	— Charlton			
6. —	Dwarf Sugar	July		
7. —	— Marrowfat			
8. —	— Imperial			
9. —	— Spanish			
10. —	— Ledham's	Aug:		
11. —	— Prussian Blue	June		
12. —	— Prussian White			
13. —	— Pearl			
14. —	— Royal-branching	July		
15. —	— Tall Marrowfat White			
16. —	— Marrowfat Green			
17. —	— Knight's Marrowfat			
18. —	— Roubeens White			
19. —	— Green			
20. —	— Imperial Green			
21. —	— Spanish Maratto			
22. —	— Egg			
23. —	— Sugar Dutch			
PORTULACA.	PURSLANE.	11. 1.	July E. M.	Both Ind.
olampora.	Garden Green			
— fol: variegata.	— Golden			
BARBATUS.	BARBATUS.	10. 1.	July E. M.	S. Eu.
— fol: variegata.	Garden			

ESCULENT ANNUALS.—Section 4.

		Cl. Or.	Flw. Soil.	Country.
RAPHANUS,	RADISH.	15. 2.		
2. sativus.	Salmon Frame		July R.M.	S. Eu.
3. —	Purple Frame		—	—
4. —	Scarlet Short-top		—	—
5. —	Purple Short-top		—	—
6. —	White Turnip		—	—
7. —	Purple Turnip		—	—
8. —	Pink Turnip		—	—
9. —	Black Spanish		—	—
10. —	White Spanish		—	—
SATUREJA,	SAVORY.	14. 1.		
hortensis.	Summer		July R.M.	S. Eu.
SCANDIX,	CHERVIL.	5. 2.		
cerefolium.	Common		May S.L.	Britain.
— folia crispis.	— Curled-leaved.		—	—
SINAPIS,	MUSTARD.	15. 2.		
alba.	White		June Com:	Britain.
nigra.	Brown		—	—
SOLANUM,	NIGHTSHADE.	5. 1.		
Lycopersicum.	Love-Apple, Red.		July R.M.	S. Am.
— fructu flavo.	— Yellow		—	—
— fructu ovato.	— Egg-shaped		—	—
SPINACHA,	SPINAGE.	22. 5.		
oleracea.	Prickly		June Com:	S. Eu.
— folia map:	Round		—	—
TRIGONELLA,	FENUGREEK.	17. 4.		
Fenugracum.	Common		July Com:	S. France.
VALERIANA,	VALERIAN.	2. 3.		
Leconsta.	Corn Sallad.		May S.L.	Britain.
VICIA,	VETCH.	17. 4.		
Faba.	Bean		June M.S.	Egypt.
2. —	Early Aldridge		—	—
3. —	— Mazagan		—	—
4. —	— Longpods		—	—
5. —	— Bromley		—	—
6. —	Dwarf Frame		July	—
7. —	— White Blossom		—	—
8. —	— Green Genoa		—	—
9. —	— Green Windsor		—	—
10. —	— Broad Windsor		—	—
11. —	— Tokar		—	—
12. —	— Mumford		—	—
ZEa,	INDIAN CORN.	21. 3.		
maye alb:	Common White		July R.M.	S. Am.
— fruc: rub:	— Red		—	—
— fruc: straito.	— Striped		—	—

The foregoing Catalogue of Annuals may appear short as a Botanical List, for, as such, it might be augmented by many hundred species; but, as this compendium is professedly rather a Gardener's assistant, than a Botanical register, I have only given such as are in

general cultivation, either as flowers, to decorate the garden, or for culinary purposes. By Hardy Annuals are meant, those sown in the month of March, in the open ground, where they are destined to remain. Those, generally, denominated Half-Hardy, are sown, likewise, in March, on a very gentle degree of heat; either, by covering a few barrows of dung, with about 2 inches of mould, whereon to sow the seeds, covering them with a few common hand-glasses, or, on a very slight hot-bed, prepared in the same manner, and under a box-light. The seeds should be covered with mould in proportion to their size; for large seeds about half-an-inch of covering, and scarcely any over the finest.

Tender Annuals are chiefly used by Gardeners to decorate the Greenhouse, whilst the Greenhouse Plants are set out, during the summer and part of the autumn. Some of the Tender Annuals, indeed, can never quit the Hothouse without injury; these are noted by an *.

Many Hardy Biennials are sown as Annuals, and at the same season, to flower within the year in which they are sown. Biennials, to flower according to their character, should be sown the end of July, and transplanted the beginning of September; but, must be sown annually, to ensure a succession for flowering.

GENERAL

CATALOGUE OF FRUIT TREES,

Sec. 3c.

In the following enumeration of fruits, I have selected only such varieties as are held in general estimation; complete lists of all the named sorts, would make of themselves a volume. Some make out their catalogue of apples to more than 500; Pears, Plums, Nuts, Peaches, &c. upon the same scale; wherefore, I hope to stand excused for the brevity of these.

The sorts are distinguished in this list, as *kitchen* or *Table fruit*, by a *k.* or a *t.*; the best kinds, in all the lists, by an *.

APPLES.—*PYRUS malus.*

- | | |
|---------------------------------|---------------------------------|
| * <i>t.</i> Aromatic Nonpareil. | * <i>t.</i> Claret. |
| * ——— Pippin. | * — Cluster Golden Pippin. |
| * ——— Russet. | * — Cockle Pippin. |
| * <i>k.</i> Autumn Codlin. | * — Coeur-pendu, or Bardin. |
| * — Barton's Pudding. | * <i>k.</i> Codlin, common. |
| — Beauty of Kent. | — Constant Bearer. |
| — Bedfordshire Foundling. | <i>t.</i> Court of Wick Pippin. |
| <i>t.</i> Belle de Senare. | * — Crofton Pippin. |
| — Bellyband. | — Delicious. |
| — Belvoir Pippin. | — Diana. |
| * <i>k.</i> Biggs's Nonsuch. | — Dobson's Golden Pippin. |
| — Black Jack. | <i>k.</i> Dog's-head. |
| — Black Pippin. | — Dog's-snout. |
| <i>t.</i> Bland. | * <i>t.</i> Downton Pippin. |
| — Blenheim Pippin. | * <i>k.</i> Duncan's Large. |
| * — Borstorf. | * — Dutch Codlin. |
| * — Brandy. | — Dutch Queening. |
| — Brooks's Pippin. | <i>t.</i> Early Devonshire. |
| <i>k.</i> Burreknot. | — Mandling. |
| * — Burton's Incomparable. | — Red Marguerite. |
| — Carlisle Codlin. | — Striped Juneating. |
| — Carnation. | — Stubbard. |
| * — Castel's Large. | — Wax. |
| * — Catshead, or go no farther. | — Yorkshire. |
| <i>t.</i> Christie's Pippin. | <i>k.</i> Embroidered. |

- * *k.* England's Glory.
- t.* Exbury Pippin.
- Fair Maids of Tamerton.
- ~~Farnborough~~.
- * — Fenouillette, or Aniseed.
- * — Fearn's Pippin.
- k.* Flower of Kent.
- * *t.* Foxly.
- * — Franklin's Golden Pippin.
- * *k.* French Crab.
- — Pippin.
- — Rennet.
- t.* — White Calville.
- k.* Giant.
- Girdler's.
- t.* Golden Ball.
- * — — Harvey.
- — Mundi.
- — Nob.
- * — — Permain.
- * — — Pippin.
- * — — Rennet.
- * — — Russet.
- k.* Grange.
- Grey Leadington.
- * — Hawthorndean.
- t.* Haute-bonté, or Blandilalie.
- * *k.* Hollandbury.
- * — Holland Pippin.
- * — Hopwood's Incomparable.
- Huthouse.
- John Apple, or two years.
- t.* July Flower.
- * — Juneating.
- * *k.* Kentish Fillbasket.
- * — — Pippin.
- Kerry Pippin.
- * *t.* Kerton Pippin.
- Keswick Seedling.
- k.* King.
- t.* King of Pippins.
- * — Kirk's Fame.
- * — — Scarlet admirable.
- k.* Kitchen Rennet.
- * — Lemon Pippin.
- Leominster.
- Lincolnshire Holland Pippin.
- * *t.* Loan's Permain.
- Lock's Seedling.
- k.* Logger-head.
- * — Long-keeping.
- t.* Luccomb's Pine-apple.

- k.* Monk's Coffin.
- t.* Margarette.
- * — Margill.
- * — Matchless Permain.
- Minier's Dumplin.
- * *k.* Monstrous Rennet.
- New England.
- * *t.* New Pomme Roi.
- * — New Golden Pippin.
- * — Newtown Pippin.
- * — Nonpareil.
- Nonsuch.
- * *k.* Norfolk Beauffin.
- — Coleman.
- — Paradise.
- * — Oaken-pin.
- Oldman Apple.
- Orange Pippin.
- * *t.* Ord's Apple.
- * — — Newtown Pippin.
- k.* Pack-horse.
- Painted Lady.
- * — Palmer's Royal Pudding.
- Pear-shaped Rennet.
- * *t.* Pedley's Pippin.
- Pidgeon.
- * — Pile's Russet.
- k.* Pommade.
- Pomme Blanche.
- t.* — d'Api.
- — Grise.
- k.* — Noir.
- t.* — Roi.
- — Rouge.
- * — — Violette.
- Princeps.
- * *k.* Quarrenden.
- * — Queen of the Sauce.
- t.* Queen's.
- * *k.* Quince Apple.
- Raspberry.
- Red Calville.
- — Ingestrie.
- * — Rennet Grise.
- — de Versailles.
- * *t.* Ribstone Pippin.
- Robin.
- Robinson's Pippin.
- * — Ronald's Pippin.
- Ross's Nonpareil.
- Royal George.
- t.* — Permain.

- *k.* Royal Russet.
- Russet Permain.
- Russian large.
- — Incomparable.
- — Transparent.
- Sack and Sugar.
- *t.* Scarlet Golden Pippin.
- Margill.
- *k.* — Monstrous Rennet.
- *t.* — Nonpareil.
- — — Permain.
- *k.* — Quince.
- *t.* Simpson's Seedling.
- — Small keeping Russet.
- Spice.
- *k.* Spitzbergen.
- — Spring-Grove Codlin.
- Stone Pippin.
- Striped Holland Pippin.
- *t.* Summer Golden Pippin.
- — — July-flower.
- — — Permain.
- *t.* Summer Queen.
- — Winceop.
- — Sykehouse.
- Taunton Golden Pippin.
- *k.* Thorle.
- Tulip.
- Venice.
- *t.* Walker's fine.
- *k.* Warner's Beaufin.
- *t.* Warded Golden Pippin.
- — — Grey Rennet.
- *k.* Watts's Winter Codlin.
- *t.* Weckter's Pippin.
- — Wheeler's Russet.
- — Winter Permain.
- — Queening.
- *t.* Wormaley's Pippin.
- Wykin Pippin.
- Yellow Buckland.
- — Ingestrie.
- — York Glory.
- *k.* Yorkshire Greening.

Not 150 Years ago, when Mons. De la Quintinye, the director of the French King's Gardens, published his book, he could, he says, but enumerate 7 good sorts of Apples, then cultivated in France. Now it is a generally received opinion, that all our good Apples come from thence; this must without doubt be an error; for, even at this day, when we have so many fine varieties, it would be difficult to find 13 good sorts on the Continent. This important fruit, for more than a century, has had great attention paid to raising new kinds, in almost every County in Britain; and each district has its favorites. Unfortunately, within a few years, a most destructive insect has attacked root and branch this valuable tree; and 'tis to be feared, unless some effectual remedy is discovered to destroy it, bids fair, at no great distance, to extirpate the whole race of Apple Trees. A gentleman, in this neighbourhood, (Southampton,) has adopted a method of ousting them in his small garden; but, I fear, it cannot be employed upon a large scale. With a mixture, composed of 1 oz. of corrosive sublimate, to 3 qts. of common tar, he paints over the parts affected. The sublimate must be, first, mixt in some sort of spirits, and then put to the tar. It is the only remedy I have yet seen applied; for any flowing mixture, with oil, brimstone, soot, &c. &c. answers no good purpose, as the first heavy rain destroys the application altogether: this remains, and is certainly efficient where used.

This remedy is much commended by Thomas Skip Dyott, Esq. in his work entitled the Orchardist, as having been tried with success.

PEAR.—*PyRUS communis*.

Much confusion pervades all the Catalogues of Pears extant, as to their names; not only from the great resemblance many of them bear to each other, but from the character of the fruit in different soils; and also, the names of most being originally French, from which they have been rendered English, and, often, not very classically. I have endeavoured to make this selection as choice and distinct as possible.

The Summer fruits are marked by an *s*; the Winter, that is, those which are in eating after November, by a *w*; the baking sorts by a *b*.

- | | |
|------------------------------------------------------|--------------------------------------------------------------|
| <i>s</i> . Aston-Town. | <i>s</i> . Citron de Carmes, or Made-
laine. |
| * <i>w</i> . Auchan. | <i>w</i> . — d'Hiver, or Musk Orange |
| <i>s</i> . Belle D'Aout. | * — Colmar, or Manna. |
| * <i>s</i> . Besiderri, or Bezi D'Heri. | * <i>s</i> . Crasanne, or Burgamot Cras-
anne. |
| — Beurré de Bourdeaux. | * <i>s</i> . Cuisse Madame, or English
Jargonelle. |
| * <i>s</i> . — Brown. | — Dauphine, or Lansac. |
| * <i>w</i> . — Golden. | * <i>w</i> . Delices de Naples, or Easter
St. Germain's. |
| * — Grey large. | * <i>s</i> . Drone, or Bourdon Musqué. |
| * <i>s</i> . — Musqué. | * — Early Crawford's. |
| * <i>w</i> . — New Winter. | * <i>w</i> . — Sweet Colenar. |
| * <i>s</i> . — Red Butter, or
l'Amboise. | <i>b.w</i> . Fia d'Hiver, or Golden-end-of-
Winter. |
| — White Doyenné,
or St. Michael's. | <i>s</i> . Fondante de Brest. |
| * <i>w</i> . — Winter. | * — Glou Morceau, or Drummond. |
| <i>b.w</i> . Black Pear of Worcester, or
Pound. | * <i>w</i> . Great Russet. |
| <i>s</i> . Bishop's-thumb. | <i>s</i> . Green Chissel. |
| * <i>s</i> . Blanquet long-stalked. | — — Pear of Yare. |
| * — Musk or little Blan-
quet. | * <i>s</i> . — sugar, or Sucré-vert. |
| — — Orange. | * <i>s</i> . Gros Rouselette d'Eté, or Roi
d'Eté. |
| <i>w</i> . Bonchretien, Spanish. | — — Blanquet, or Mussette
d'Anjou. |
| * <i>s</i> . — Summer. | <i>s</i> . Honey Grey. |
| * <i>w</i> . — Winter. | * <i>s</i> . Jargonelle, or English Cuisse
Madame. |
| * <i>s</i> . Burgamotte, Autumn. | * <i>w</i> . L'Echasserie. |
| * <i>w</i> . — de Pâque, or Easter. | <i>s</i> . La Marquise. |
| * <i>s</i> . — Gansel's. | * <i>s</i> . La verte longue, or long Green |
| * <i>w</i> . — Holland. | * <i>w</i> . La Virgoleuse, Poir de Glace. |
| <i>s</i> . — Orange. | <i>s</i> . Le Souverain. |
| * <i>s</i> . — Summer, or d'Eté. | <i>s</i> . Lammas. |
| — — Swiss. | * <i>w</i> . Little Lard, Bouvar, or Méc-
veille d'Hiver. |
| * <i>w</i> . — Winter. | * — Little Winter Rouselette. |
| <i>s</i> . Cassolette, or Muscat-vert. | <i>s</i> . Longueville. |
| * Catherine. | <i>s</i> . Louise bonne. |
| — — Scarlet. | — Margarette. |
| <i>b.w</i> . Catillac. | |
| <i>s</i> . Chat-brule, or Pucelle de Xain-
tonge. | |
| * <i>w</i> . Chaumontelle, or Beurré
d'Hiver. | |

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>* w. Martin sec.
 — Martin sire.
 w. Melting St. Germain's.
 * s. Mésire Jean.
 s. Monsolette.
 w. Moonfowl Egg.
 * s. Mouthwater, or Mouille-bouche.
 * s. Muscat Ambrette, or Muscat Robine.
 — — August, Poire Royal, or Avorot.
 * w. — — German.
 s. — — Gros.
 s. — — Little, or Supreme.
 * — — Long-stalk, or Fleuri.
 s. — — Orange.
 * s. New Chaumontelle.
 w. b. Parkinson's Warden.
 s. Perfumed.
 — Poire d'Amande.
 * s. — — d'Ayche.
 b. w. — — de Tonneau.
 s. — — de Vigne, or Damoiselle.
 b. w. — — Pastoralle.
 * s. — — Pendar, or the Knave's.
 b. w. Quince Pear.</p> | <p>s. Red Jennet,
 * s. — — Muscatelle.
 s. Rousselet de Rheims.
 * w. — — d'Hiver.
 s. Rousseline, or Muscatelongue.
 w. Scotch Bengamot.
 s. Skinless, or Fleur de Gage.
 * w. Saint Austin.
 * w. — — Germain's, or Inconnue la Fare.
 s. — — White.
 * w. — — Martial.
 s. Summer Portugal.
 * s. Swan's Egg.
 * w. — — Winter.
 s. Tarding.
 * w. True St. Germain's.
 s. Twice-bearing.
 b. w. Uvedale's St. Germain's, or Union.
 * w. Wilding of Cassoy, or Besi de Cassoy.
 * s. Windsor.
 * w. Winter Thorn, or Epine d'Hiver.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

PEACH.—*AMYGDALUS Persica*.*f.* Best Forcing. — *m.* Melting. — *c.* Cling-stone.

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <i>m.</i> Admirable, Late. <i>c.</i> ——— Scarlet. <i>m.</i> ——— White. <i>c.</i> ——— Yellow. <i>f.*m.</i> Avant Rouge. <i>m.</i> Belle Chevereuse. <i>*</i> — Bellegarde. <i>*</i> <i>&</i> Belle de Vitri. — Bloody. <i>m.</i> Bourdine. <i>f.*</i> Buckingham Mignon. <i>c.</i> Catherine. <i>m.</i> Chancellor. <i>*</i> — Charlotte. — Cherry. <i>m.</i> Double de Troys. <i>f.*</i> ——— Montaigne. <i>*</i> ——— Swalch. <i>c.</i> Dragon. <i>c.</i> Early Ann. <i>f.*m.</i> ——— French Mignon. <i>f.*m.</i> ——— Galande. <i>c.</i> ——— Orange. <i>f.*m.</i> ——— Purple. <i>f.*m.</i> ——— Viseyard. <i>*</i> ——— Wellington. <i>f.*m.</i> French Mignon. <i>*</i> Gallande. <i>c.</i> Grand Monarque. <i>m.</i> Grimwood's Royal George. <i>f.*m.</i> Gros Mignon. <i>m.</i> Gros de Vitri. | <ul style="list-style-type: none"> <i>f.*m.</i> Gros Violet hative. <i>c.</i> Incomparable. <i>m.</i> Kensington. <i>m.</i> Late Purple. <i>*</i> Magdalen Red. <i>f.*</i> ——— White. <i>m.</i> Malta. <i>f.*</i> Millett's Mignon. <i>*</i> — Montauban. <i>c.</i> Narbonne. <i>m.</i> Nivette, or Persique. <i>f.*m.</i> Noblesse. — ——— Oatlands. <i>c.</i> Nutmeg Brown Early. — ——— White Early. — Old Newington. <i>m.</i> Ord's. <i>c.</i> Pavie Pomponne. — ——— Rouge. <i>*</i> ——— Pourpre. <i>f.*m.</i> Padley's Early Purple. <i>c.</i> Portugal. <i>m.</i> Rosana. <i>m.</i> Royal George, or La Royale. <i>c.</i> Rambouillet, or Rambouillon. <i>f.*c.</i> Smith's Early Newington. <i>m.</i> Smooth-leaved Royal George <i>m.</i> Teton de Venus. <i>f.*m.</i> Vanguard. <i>f.*c.</i> Violet hative, or Lisle. <i>m.</i> Woburn Early Mignon. <i>c.</i> Yellow Alberge. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NECTARINE.—*AMYGDALUS Persica*.*f.* Best Forcing.

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> Aromatic. <i>f.*</i> Brignon hative. <i>*</i> ——— Urdive. — Musqué. Claremont. De Tellier's. Early Black. <i>f.*</i> ——— Newington. — Pavie. | <ul style="list-style-type: none"> <i>f.*</i> Elronge. <i>*</i> Fairchild's Early. <i>*</i> Golden. <i>f.</i> Italian. — Luccombe's. — Murry. <i>f.*</i> Newington. — New Imperial. — Scarlet. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

f. * New White.
 * Ord's.
 Peterboro'.
f. * Roman.
 Scarlet.

* Temple.
 * Vermash.
f. Violet.
 White.
 * Yellow Musk.

APRICOT.—*PRUNUS Armeniaca.*

The succession of these Fruits in ripening, is marked by numbers; the best for Preserves with a *p.*

6 Black, or the Pope's.
 * 5 Breda.
 * 6 Brussels.
 * 2 Early Large.
p. 1 — Masculine Red.
 1 — White.
p. 2 — Orange.
 4 Hemskirk.

* 5 Moorpark, or Anson's.
p. 6 Peach.
 3 Persian.
 3 Roman.
 4 Royal George.
p. 4 Transparent.
 * 5 Turkey.

CHERRY.—*PRUNUS Cerasus.*

The Color of the Fruit is indicated by an *r.* for Red; *b.* for Black; and *w.* for White or Amber.

r. Allsaints.
w. Amber Heart.
 * *r.* Archduke.
 * *b.* Black Heart.
r. — Spanish.
 — Bleeding Heart.
 * *w.* Bigarroux.
r. Carnation.
b. Caroon.
 * *r.* Early Duke.
 — May.
 — Elton.
 — English preserving.
 — Flemish.
 — Florence.
 — Four to the Pound.
 * *b.* Fraser's Black Siberian.
w. — White Siberian.

w. Gascoin's Heart.
r. Harrison's Heart.
b. Hertfordshire Black.
r. Jeffery's Royal.
 — Kentish.
 * *w.* Lady Southampton's.
 * *r.* Late Duke.
 * — Luke Ward's Heart.
 * — May Duke.
 * — Montmorency.
 * *r.* Morello.
 — Ox-Heart.
 — Red Heart.
 * *b.* Ronalds's Superb.
w. Shailer's new Grisly.
r. Tradescant's.
 * *w.* White Heart.

PLUM.—*PRUNUS domestica*.

The month when the Fruit is in perfection is noted. The Table-fruit by a *t.*; and those best for preserving, by a *p.*

- | | |
|-----------------------------------------------------|--------------------------------------------------|
| * <i>p.</i> Sept: Apricot, or Apricotée. | <i>t.</i> Sept: Kirk's Fine. |
| <i>p.</i> — Bonum Magnum, or Imperiale. | * <i>t.</i> — La Royale, or Dauphine. |
| * <i>p.</i> — — — — — White, | <i>t.</i> Aug. Laurence's Early. |
| or Egg. | * <i>t.</i> — La Roche carbon, or Diaprée rouge. |
| * <i>p.</i> — Brignole. | * <i>t.</i> — Little Black Damask. |
| <i>p.</i> Oct: Bullace Black. | * <i>t.</i> — — — — — Reine Claude. |
| <i>p.</i> — — — — — White. | <i>t.</i> Sept: Maitre Claude. |
| <i>t.</i> Sept: Catherine. | <i>t.</i> — Matchless. |
| <i>t.</i> July Cherry. | * <i>t.</i> Aug. Mirabelle. |
| * <i>t.</i> Oct: Coe's Golden-drop. | <i>t.</i> — Mirobalan. |
| <i>p.</i> Sept: Cypress. | <i>t.</i> — Monsieur Hative. |
| <i>p.</i> — Damson Common. | <i>p.</i> Sept: Morocco, or Damas Noir. |
| <i>p.</i> — — — — — White. | <i>p.</i> July Muscle. |
| * <i>t.</i> Aug: Drap D'or. | <i>p.</i> Sept: Orange. |
| * <i>t.</i> — Early Violet. | * <i>t.</i> Aug: Orleans, Common. |
| * <i>t.</i> — Fine Early. | * <i>t.</i> Sept: — — — — — late Black. |
| * <i>t.</i> — Fotheringham. | * <i>t.</i> Aug. — — — — — new Early. |
| <i>t.</i> Sept: French, St. Catherine. | <i>p.</i> — Pear Plum. |
| * <i>t.</i> Aug: Gage, Blue. | * <i>t.</i> — — — — — Perdrigon, Blue. |
| * <i>t.</i> — — — — — Green, or Reine Claude. | * <i>t.</i> — — — — — Yellow. |
| * <i>t.</i> Sept: — — — — — Large Green. | <i>t.</i> — Pigeon's-heart. |
| * <i>t.</i> — — — — — Violet. | * <i>t.</i> — — — — — Precoce de Tours. |
| <i>p.</i> Oct: German Prune. | <i>t.</i> — — — — — Primordian Dwarf. |
| <i>t.</i> Aug: Gibson's Early. | <i>p.</i> Sept: Prune Dattes. |
| <i>t.</i> Sept: Goliath. | <i>t.</i> — — — — — Pêche. |
| * <i>t.</i> Aug: Great Damas of Tours. | <i>p.</i> — — — — — Snisse. |
| * <i>t.</i> — — — — — Il Verte. | <i>t.</i> Aug: Queen Mother. |
| * <i>t.</i> Oct: Imperatrice. | * <i>t.</i> Sept. Semiana. |
| <i>t.</i> — — — — — Violet large. | <i>p.</i> — — — — — Sharp's Emperor. |
| * <i>t.</i> — — — — — Jeanne-hative, or Primordian. | <i>t.</i> — — — — — Stoneless. |
| <i>p.</i> Sept: Jenkins's Imperial. | * <i>p.</i> — — — — — Wentworth. |
| | * <i>p.</i> — — — — — Winesowr. |

VINE.—*Vitis pinifera*.

I have marked with an *h.* some few sorts that were considered as the most hardy, and which have famously ripened their fruit in the open ground, in England; but, 'tis as singular as unquestionable a fact, in the horticultural annals of Britain, that the Vineyards, 70 or 80 years past, were numerous, and said to produce good Wine: of all the attempts which have been lately made, not one has succeeded. Indeed, against south walls the fruit has not ripened well, even of the commonest kinds: wherefore, in future, I fear we must consider all Grapes as *Hothouse* exotics, and the fruit only to be procured by artificial heat.

* Black Alicant.	White Muscadel.
— Burgundy.	* Muscat of Alexandria.
<i>h.</i> — Cluster.	* — Nice.
— Constantia.	— Raisin.
* — Damasco.	* — Sitwells Sweet-water.
* — Damasco.	* — Saint Peter's.
<i>h.</i> — Early July.	* <i>h.</i> — Sweet-water.
* — Frankendale.	— Syrian.
* — Frontignac.	— Teneriffe.
— Gibraltar.	* — Tokay.
* — Hambro'.	Red Chasselas.
<i>h.</i> — Large Cluster.	— Constantia.
— Lisbon.	* — Frontignac.
<i>h.</i> — Miller.	* — Hambro'.
— Mogul.	* — Muscat of Alexandria.
— Muscadine.	— Muscadel.
* — Muscat.	— Muscadine.
* — Nice.	— Raisin.
— Portugal.	— Smyrna.
* <i>h.</i> — Prince.	— Sweet-water.
— Raisin.	* — Syracuse.
* — Sweet-water.	* Pale Red Lombardy.
— Saint Peter's.	* — Flame Tokay.
— Teneriffe.	— Brick Coloured.
* — Tokay.	— Brown Hambro'.
— Tripoli.	* <i>h.</i> Grisly Frontignac.
* <i>h.</i> — Turner's Hardy.	— Muscadine.
* — West's Saint Peter's.	* — Morocco.
* White Beaumont's Muscat.	* Grey Frontignac.
— Burgundy.	— Pedro Zimenes.
<i>h.</i> — Chasselas.	* Aleppo.
— Constantia.	— Blue Marsailles.
* — Frontignac.	* — Tokay.
* <i>h.</i> — Hambro'.	— Green Chasselas.
— Large Sicilian.	— Zant Muscat.
— Lisbon.	— Parsley Leaved.
— Malaga.	— Currant or Corinth.
* <i>h.</i> — Muscadine.	

FIG.—*Ficus Carica*.

Black Genoa, large.
 — Ischia, small.
 Blue Common, large.
 — Ischia, large.
 Brown Hanover, large.
 — Ischia, largest.
 — Malta, small.
 — Naples, long.

Brown Naples, round.
 Green Ischia, large.
 White Early, small.
 — Genoa, large.
 — Malta, small.
 Yellow Gentile, small.
 — Ischia, large.

Most Figs force well in pots, producing a double crop; but, the two Whites, the Hanover, and common Blue, are the best. To secure a crop against the walls, the method is, to bend the branches down within a foot of the ground, covering them, tied in bundles, about December, with fern or straw, and exposing them in fine weather; the fern to be totally removed, by degrees, in March. Prune only from the base; never shorten the shoots, as, on these depend the succession of fruit.

GOOSEBERRY.—*Ribes Uva crispa*.

In the north of England, especially in Lancashire and Yorkshire, the cultivation of this fruit has become of such account, that many of the new kinds have been produced more than an ounce and a half in weight; but, they are mostly thick skinned, and their flavour is not, in general, equal to the old sorts. The varieties named in their lists exceed 400.

WHITE.

Baily's Favourite.
 Belmont.
 Brudnel's Jolly Gardener.
 Chapman's Iron White.
 Chrystal.
 Early Amber.
 Early White Hairy.
 Gibson's Apollo.
 Great Amber.
 Hairy Amber.
 Lily.
 Matchless.
 Mogul.
 Moor's White Bear.
 Miss Bold.
 Orlando.
 Plat's white.
 Redford's Venus.
 Whittington's White Rose.

GREEN.

Baily's Seedling green.
 Blakeney's Green Chisel.
 Cranberry.
 Early Green Hairy.
 Fox's Green Goose.
 Garton's Nonpareil.
 Ginton's Seedling.
 Green Globe.
 Green Walnut.
 Hiberton's Prolific.
 Mills's Long-leg.
 Newton's Green Ashton.
 Nixon's Mendoza.
 Nixon's Green Myrtle.
 Rothwell's Swallow.
 Worthington's Fair Rosamond.
 YELLOW.
 Golden Bees.
 Golden Drop.

Goliath.
 Hamlet's Kilton.
 Kenton's Canary-bird.
 Hill's Yellow Hammer.
 Hunt's Yellow.
 Invincible.
 Lee's Princess of Orange.
 Mowat's Ashton.
 Pope's Rumbullion.
 Robinson Crusoe.
 Rider's scented Lemon.
 Smith's Brandy.
 Speedwell.
 Whittington's Golden Sceptre.
 Yellow Globe.

RED.

Allcock's King.
 Ashton's Seedling.
 Brundrell's Atlas.
 Bullock's Heart.
 Cæsar.
 Cawood's Red.
 Champain.
 Chesterton's Seedling.
 Coleman.

Duke William.
 Garland.
 Hague's Ajax.
 Hill's Captain Trowbridge.
 Hodgson's Elliot's Ball.
 Holms's Dumpling.
 Ironmonger.
 Large Murray Red.
 Late Damson.
 Lee's Princess Royal.
 Lomax's Victory.
 Mason's New York.
 Mather's Red.
 Milling's Crown Bob.
 Old England.
 Red Ball.
 Red Hedgehog.
 Small Early.
 Sir J. Borlase Warren.
 Sydal's Tupp.
 Taylor's Red Rose of England.
 Tillotson's St. John.
 Tom of Lincoln.
 Turner's Lincoln.
 Victory.
 Warrington Red.

RASPBERRY.—*RUBUS idæus*.

Antwerp Red.
 ——— White.
 Barnet Red.
 Cane Red.

Common Red.
 ——— White.
 Double-bearing Red.

STRAWBERRY.—*FRAGARIA vesca*.

Alpine Red.
 ——— White.
 Bath.
 Black.

Chili.
 Hautboy.
 Hudson's Bay.
 Musk.

New Scarlet.
 Pine.
 Rostock.
 Scarlet, Forcing.

Scarlet, Common.
 Surinam.
 Wood Red.
 ——— White.

For the under-named Fruits, see them under their different Genera in the body of the work:

ALMONDS.
 CHESNUT.
 CURRANT.

MEDLAR.
 MELON.
 MULBERRY.

NUT.
 PINE-APPLE.
 QUINCE.

SERVICE.
 WALNUT.

FOREST TREES AND SHRUBS,
WHICH ARE SOLD AS SEEDLINGS OR TRANSPLANTED,
BY THE HUNDRED OR THOUSAND :

The Price varying each Season, a Price cannot be
 permanently affixed.

Seedlings are sold by the Thousand—transplanted by the Hundred.

The Collections of Shrubs, &c. by the Hundred.

	One Year Seedlings.	Two Year's Seedlings.	Two Year's Transplanted.	4 to 6 Feet Transplanted.
	£. s. d.	£. s. d.	£. s. d.	£. s. d.
Acacias - - - - -				
Alders - - - - -				
Ash - - - - -				
Balm of Gilead Firs - -				
Beech - - - - -				
Birch - - - - -				
Cedar of Lebanon - -				
Elms, English - - - -				
Elms, Scotch - - - -				
Elms, Grafted - - - -				
Hornbeams - - - - -				
Horse Chesnuts - - - -				
Larch - - - - -				
Limes - - - - -				
Mountain Ash - - - -				
Oaks - - - - -				
Planes, Common - - - -				
—— Oriental - - - -				
Poplars, Balsam - - - -				
—— Lombardy - - - -				
—— Black - - - - -				
—— Aspen - - - - -				
Quick or White Thorns -				
Scotch Firs - - - - -				
Silver Firs - - - - -				
Spruce Firs - - - - -				
Sweet Chesnuts - - - -				
Walnuts - - - - -				
Weymouth Pines - - - -				
Box's - - - - -				
Hollies - - - - -				
Laurels - - - - -				
Junipers - - - - -				
Pinaster - - - - -				
Stone Pines - - - - -				
Virginia Cedars - - - -				

	<i>£.</i>	<i>s.</i>	<i>d.</i>
Collection of Common Shrubs	1	10	0
of better sorts	2	10	0
of best ditto	5	5	0
of common American ditto	5	5	0
of good ditto	10	10	0
of common Roses, 15 or 20 sorts	2	2	0
of good sorts; 30 or 40 sorts	5	5	0
of best sorts; 80 or 100 sorts	10	10	0
of good Herbaceous Plants	2	10	0
of best ditto	5	5	0
Double Border Piquetéé Carnations, per 100	2	10	0
Double Border Rose-leaved ditto, per 100	5	0	0
Fine Double Border Pinks; first mixt, per 100	2	10	0
Fine named Carnations, per pair, from 3s. to	0	5	0
Fine named West Pinks, per pair, from 1s. 6d. to	0	3	0

CURRENT PRICE OF FRUIT TREES, Per Plant.

	Dwarf.	Standard.	Train'd Dwarf.	Trath. Set.
	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>
Apples	1 6	2 6	5 0	
Pears	2 6	3 6	6 0	7 6
Peaches and Nectarines	2 6	5 0	10 6	12 0
Ditto, French	5 0	7 0	12 0	15 0
Apricots	2 6	5 0	10 6	12 0
Cherries	1 6	2 6	6 0	10 6
Ditto, Potted	7 6			
Plums	1 6	2 6	6 0	10 6

Plants which have Prices according to the character of the Sorts.

Vines	from	1 6	to	2 6	to	5 0
Ditto, Potted	from	2 6	—	3 6	—	5 0
Figs	from	2 6	—	3 6	—	5 0
Ditto, Potted	from	5 0	—	7 6	—	
Gooseberries and Currants	from	0 4	—	0 6	—	1 0
Raspberries, per 100	from	8 4	—	16 8	—	1 10 0
Strawberries, per 100	from	8 4	—	16 8	—	1 10 0

GARDEN IMPLEMENTS OF EVERY DENOMINATION;

- Mushroom Spawn, Early Potatoes, Sea-Kale Roots,

ASPARAGUS ROOTS, for Forcing Or Planting;

Agricultural, Kitchen-Garden, Forest-Tree, & Flower Seeds;

RUSSIA MATS, DUTCH FLOWER ROOTS, TUBEROUS ROOTS,

Guernsey Lilies, &c. &c. &c.

A CURSORY
REVIEW OF THE PRINCIPLES
ON WHICH
THE SEXUAL SYSTEM OF BOTANY
IS ESTABLISHED;
WITH
The Classes and Orders,
AND
SOME OF THE TERMS OF ART EXPLAINED.

THE introductory grounds which are here added, as referential to the foregoing pages, are intended to give a slight elementary assistance to Gardeners, or others, who have no desire to dip deeply into the study of the science; yet, who may wish to acquire so much botanical knowledge, as will enable them to discover the Class and Order, or perhaps the Genus, to which a plant belongs, by an inspection of the flower. For those who are not practically acquainted with plants, a much larger field must be traversed, to refer them, either generically or specifically, than will be here entered upon.

Few publishers, of late, but have attempted some inroad upon Linnæus's arrangement; but, as I presume only to follow Linnæus's system, thinking, perhaps unskilfully, that it has not been much amended by innovation, these his supposed errors are persisted in, except where the oversight is palpable; hoping for pardon, at the same time, for so doing, as knowing no better. All that is here attempted, goes no farther than the rudiments; those who wish to proceed in the study, will find no impediment from the scarcity of books of instruction, giving all the assistance necessary.

To demonstrate the unequivocal principles, for the foundation of the Sexual System, every plant furnishes sufficient argument to cultivators. If we look to the plants of the 21st, 22d, and 23d Classes, or to the distribution of the florets in the 19th, all farther inquisition would seem useless; the construction, situation, and character of the sexual parts of the flower, point out the certainty of the natural intercourse; but the multiplication of what may be called Mule

plants, bearing the feature of absolutely new Genera, put it out of all doubt. This operation is of no complex nature, for it is now in the practice of every gardener; the whole consists in taking the anthera of one plant, when just bursting, and scattering the pollen upon the stigma of another plant, which has an approximation, either in natural or classical affinity. The sequent products by this connection, frequently partake more of the character of the plant whence the pollen was taken, than that which has produced the seeds from which the new plants come. The ingenious enquirer may be pleased and satisfied, by a perusal of the refined and curious experiments, described as having been made by that great practical naturalist, our now President of the Horticultural Society.

The grounds of the Sexual System being thus established, by admitting that Vegetables naturally increase and perpetuate their species, upon a similar principle with Animals; the parts necessary to this end Linnaeus has denominated Male and Female, from the functions which each has to perform.

CHARACTER OF THE CLASSES.

All vegetating nature in this system, is comprised within 24 Classes, forming the first great division;—their names are derived from the Greek. The eleven first, from the number of male parts, stamens, or ~~chives~~, in one flower, ~~situation not considered: for the 12th and 13th,~~ the situation more than the number is considered. The 14th and 15th are known by the proportion, in size, the stamens bear to each other. The 16th, 17th, and 18th, from the connection of the filaments or lower parts of the stamens, and the number of distinct bodies or bundles in each flower. The 19th is made by the anthers or tips of the stamens being united, in a cylinder, about the pointal or female part. The 20th, from the stamens growing on the pointal. The 21st, 22d, and 23d, are distinguished by the sexual character of the flowers, as Male, Female, and Hermaphrodite or Bisexual, growing on separate branches of the same or distinct plants. The last, or 24th, from the indistinct or minute parts of the flowers or fructification.

SCHEME OF THE SEXUAL SYSTEM;

BEING AN

Exposition of the Principles on which this mode of Classification is founded; with the Etymology of the Greek words, whence the Names are derived.

Linnæus describes the Sexual intercourse of Plants as made

Either *Publicly*, i.e. Where the parts of fructification are ostensible, as in all but the last or 24th.

In One Flower. The flowers all Bisexual, as far as the 20th Class inclusive.

Separate. The Chives perfectly unconnected, in all their parts, to the 15th Class, inclusive.

Proportion, not considered in the Chives, to the 13th Class inclusive.

1. MONANDRIA. *Monos*, One, and *Aner*, Husband or Male, part.
2. DIANDRIA. *Dis*, Two, and *Aner*.
3. TRIANDRIA. *Treis*, Three, &c.
4. TETRANDRIA. *Tetra*, Four, &c.
5. PENTANDRIA. *Penta*, Five, &c.
6. HEXANDRIA. *Ex*, Six, &c.
7. HEPTANDRIA. *Hepta*, Seven, &c.
8. OCTANDRIA. *Octo*, Eight, &c.
9. ENNEANDRIA. *Ennea*, Nine, &c.
10. DECANDRIA. *Deka*, Ten, &c.
11. DODECANDRIA. *Dodeka*, Twelve; from 11 Chives to 20 exclusive.
12. ICOSANDRIA. *Eikosi*, Twenty chives, or more, on the calyx, not receptacle.

13. POLYANDRIA. *Polus*, Many—above 20 chives on the receptacle.

Proportion considered—two chives always shorter. 14th and 15th Classes.

14. DIDYNAMIA. *Dis*, Two, and *Dunamis*, Superiority or Greater.

15. TETRADYNAMIA. *Tetra*, Four, and *Dunamis*, Greater.

Or, Connected. Chives united by the threads, the tips, or on the pointals; 16th, 17th, 18th, 19th, and 20th Classes.

16. MONADELPHIA. *Monos*, One, and *Adelphos*, Brotherhood—Chives united into one body by the threads.

17. DIADELPHIA. *Dis*, Two, & *Adelphos*, Brotherhood—Chives united into two bodies by the threads.

18. POLYADELPHIA. *Polus*, Many, and *Adelphos*, Brotherhood—Chives united into many bodies by the threads.

19. SYNGENESIA. *Syn*, together, and *Genesis*, Generation—Chives united in one body by the tips.

Or, in Two Flowers, having Male, Female, or Bisexual flowers, on the same or separate plants; 21st, 22d, and 23d Classes.

21. MONŒCIA. *Monos*, One, and *Oikia*, House—Male and Female flowers, on the same plant.

22. DIŒCIA. *Dis*, Two, and *Oikia*, House—Male and Female flowers, on different plants.

23. POLYGAMIA. *Polus*, Many, & *Gamos*, Marriage; Male, Female, and Bisexual flowers, on the same or different plants, of one species.

Or, clandestinely, i.e. Where the parts of fructification are hidden—24th Class.

24. CRYPTOGAMIA. *Kryptos*, Concealed, and *Gamos*, Marriage—the flowers being too minute for detection, or so concealed that the plants cannot be classically arranged to this system.

CHARACTER AND ETYMOLOGY OF THE ORDERS.

This title is given to a secondary division, subjected to the Classes, leading to the more ready distribution of the Genera, finishing the outline of this beautifully simple arrangement; which, though it may be called in some sort artificial, is drawn from Nature's most unerring sources.

The names of the Orders, like the Classes, are chiefly of Greek derivation. Those attached to the thirteen first Classes, are assumed from the number of female parts, or pointals, as the Classes from the males, regularly following the Greek numerals, with the addition of GYNIA, from *Gune*, a female; thus MONOGYNIA, DIGYNIA, &c.

The 14th and 15th Classes are limited to two Orders each:—those for the 14th, are taken from the situation of the Seeds; as, 1. GYM-NOSPERMIA, from *Gymnos*, naked, and *Sperma*, seed; 2. ANGIOSPERMIA, from *Aggeion*, a vessel or receptacle, and *Sperma*, seed. The two Orders of the 15th Class, are merely the Latin names for a little seed-pod, *Silicula*, and a long seed-pod, *Siliqua*.

The 16th, 17th, 18th, 20th, 21st, and 22d Classes, have their Orders established on the names of the Classes, or from the number of male parts or stamens, beginning with MONANDRIA. The 19th Class has six Orders; five of which are styled *Polygamous*, from *Polus*, many, and *Gamos*, marriage; the flowers being aggregate or compound—that is, many florets in one flower-cup.

1. POLYGAMIA *æqualis*, equal; bisexual florets in the disk and ray.
2. ————— *superflua*, superfluous; bisexual florets in the disk, female in the ray.
3. ————— *frustranea*, useless; bisexual florets in the disk, male or abortive in the ray.
4. ————— *necessaria*, necessary; male florets and abortive in the disk, female in the ray.
5. ————— *segregata*, separated; bisexual florets in partial calyxes, upon one receptacle.
6. MONOGAMIA, from *Monos*, one, and *Gamos*, marriage; flowers simple.

The 23d Class has two Orders, derived from the names of the 21st and 22d Classes.

The 24th, is formed of four naturally associated tribes of plants, by their names.

NAMES OF THE ORDERS TO THE CLASSES,

AS AT PRESENT ESTABLISHED.

CLASSES	ORDERS.
1. MONANDRIA.	1. Monogynia. 2. Digynia.
2. DIANDRIA.	1. Monogynia. 2. Digynia. 3. Trigynia.
3. TRIANDRIA.	1. Monogynia. 2. Digynia. 3. Trigynia.
4. TETRANDRIA.	1. Monogynia. 2. Digynia. 3. Tetragynia.
5. PENTANDRIA.	1. Monogynia. 2. Digynia. 3. Trigynia. 4. Tetragynia. 5. Pentagynia. 6. Polygynia.

CLASSES.

6. HEXANDRIA.
7. HEPTANDRIA.
8. OCTANDRIA.
9. ENNEANDRIA.
10. DECANDRIA.
11. DODECANDRIA.
12. ICOSANDRIA.
13. POLYANDRIA.
14. DIDYNAMIA.
15. TETRADYNAMIA.
16. MONADELPHIA.
17. DIADELPHIA.
19. POLYADELPHIA.
19. SYNGENESIA.
20. GYNANDRIA.
21. MONŒCIA.
22. DIŒCIA.
23. POLYGAMIA.
24. CRYPTOGAMIA.

ORDERS.

1. Monogynia. 2. Digynia. 3. Trigynia. 4. Polygynia.
1. Monogynia. 2. Digynia. 3. Tetragynia. 4. Heptagynia.
1. Monogynia. 2. Digynia. 3. Trigynia. 4. Tetragynia.
1. Monogynia. 2. Trigynia. 3. Hexagynia.
1. Monogynia. 2. Digynia. 3. Trigynia. 4. Tetragynia. 5. Decagynia.
1. Monogynia. 2. Digynia. 3. Trigynia. 4. Tetragynia. 5. Pentagynia. 6. Dodecagynia.
1. Monogynia. 2. Digynia. 3. Trigynia. 4. Pentagynia. 5. Polygynia.
1. Monogynia. 2. Digynia. 3. Trigynia. 4. Tetragynia. 5. Pentagynia. 6. Polygynia.
1. Gymnospermia. 2. Angiospermia.
1. Siliculosa. 2. Siliquosa.
1. Triandria. 2. Pentandria. 3. Octandria. 4. Decandria. 5. Enneandria. 6. Dodecandria. 7. Polyandria.
1. Pentandria. 2. Hexandria. 3. Octandria. 4. Decandria.
1. Decandria. 2. Dodecandria. 3. Icosandria. 4. Polyandria.
1. Polygamia æqualis. 2. Polygamia superflua. 3. Polygamia frustranea. 4. Polygamia necessaria. 5. Polygamia segregata. 6. Monogamia.
1. Monandria. 2. Diandria. 3. Triandria. 4. Pentandria. 5. Hexandria. 6. Decandria. 7. Polyandria.
1. Monandria. 2. Diandria. 3. Triandria. 4. Tetrandria. 5. Pentandria. 6. Hexandria. 7. Polyandria. 8. Monadelphia. 9. Gynandria.
1. Monandria. 2. Diandria. 3. Triandria. 4. Tetrandria. 5. Pentandria. 6. Hexandria. 7. Octandria. 8. Enneandria. 9. Decandria. 10. Dodecandria. 11. Icosandria. 12. Polyandria. 13. Monadelphia. 14. Gynandria.
1. Monœcia. 2. Diœcia.
1. Filices. 2. Musci. 3. Algæ. 4. Fungi.

A new arrangement has been formed for this Class, named as follows; 1. Gonopterides. 2. Stachyopterides. 3. Poropterides. 4. Schismatopterides. 5. Filices. 6. Hydroppterides.

From the Classes and Orders, I shall now proceed to those terms the author has adopted, for the different parts of the whole Flower; as, upon the conformation of these, the generical distinctions are formed. The Flower is considered to be composed of seven objects; 1. *Calyx*; 2. *Corolla*; 3. *Stamen*; 4. *Pistillum*; 5. *Pericarpium*; 6. *Semen*; 7. *Receptaculum*;—the first four only pertain, properly, to the flower; the three last, to the fruit. It sometimes happens, that one or more of these seven parts are wanting.

FIRST.

CALYX, is the Flower-cup; it has seven different names, as it assumes various characters.

1. *Perianthium*, as embracing a single flower.
2. *Involucrum*, as embracing many flowers.
3. *Spatha*, as a sheath to flowers.
4. *Amentum*, as a katkin, in flowers of the 21st, 22d and 23d Classes.
5. *Gluma*, as a covering to the flowers, in Grasses.
6. *Calyptra*, as a cover or hood to the seed, in Mosses.
7. *Volva*, as a cover or veil to the base of the Mushroom.

SECOND.

COROLLA, is the petal or petals, and is termed either *Monopetalous*, one-petaled, or *Polypetalous*, many-petaled.

A *MONOPETALOUS* Flower has, in general, two parts, the *tube* and the *limb*; the *tube* is the inferior, and the *limb* the superior part, which mostly spreads out. It has five denominations.

1. *Campanulatus*, Bell-shaped.
2. *Infundibuliformis*, Funnel-shaped.
3. *Hypocrateriformis*, the limb flat, upon a cylinder.
4. *Rotatus*, flower flat, without a tube.
5. *Ringens*, a gaping-flower.

A *POLYPETALOUS* Flower has the petals of two parts; 1. *Unguis*, the claw; and 2. *Lamina*, the blade. The claw attaches the blade to the cup, or other part of the flower. If the petals are four, and at right angles to each other, they are, then, called *Cruciform*, cross-shaped; *Papilionaceous*, butterfly-shaped, when irregular, like the pea blossom. The *Nectariums*, or honey-cups, differing so much in each Genus of Plants, no particular names have been adopted for them.

THIRD.

STAMEN, Chive, or Male Part, is formed by,

1. *Filamentum*, the thread.
2. *Anthera*, the tip.
3. *Pollen*, the fecundating dust.

FOURTH.

PÉRICARPUM, Pericarp, or female part, is formed by,

1. *Germen*, the Germ, or rudiment of the fruit.
2. *Stylus*, the shaft supporting,
3. *Stigma*, the summit.

FIFTH.

PERICARPUM is a general name for the Seed-vessel. It has eight several names; viz.

1. *Capsula*, Capsule, a dry shell of one or more cells.
2. *Siliqua*, a pod having the seeds fixed to both sides.
3. *Legumen*, a pod having the seeds fixed to one side.
4. *Conceptaculum*, a pod opening only on one side.
5. *Drupa*, a fleshy substance surrounding a nut, as the Plum.
6. *Pomum*, a fleshy substance surrounding a capsule, as the Apple.
7. *Bacca*, Berry, a fleshy substance the seeds in, or on it, as the Strawberry.
8. *Strobilus*, Cone, a hard substance, formed by scales, as in Firs.

SIXTH.

SEMEN, the Seed, has two denominations: seeds as grains, or nuts, when covered with a hard shell. No parts of plants assume more varied forms than the seeds: almost every species furnishing a fresh featured subject. Sometimes they have a *Corona*, Crown. This is either a *Calyce*, as in Scabious; or, *Pappus*, a Down, as in Dandelion.

SEVENTH.

RECEPTACULUM, the Receptacle, is that part of the fructification on, or by which the others are connected; and it takes five different titles, according to the use assigned it by nature, for this end.

1. *Receptaculum proprium*, proper; so named when belonging to one flower only: and when so, is either partially attached to the fructification, the flower, the fruit, or the seed.

2. *Receptaculum commune*, common; when many florets are closely seated on it, without fruit-stalks, as in class Syngenesia.

3. *Umbella*, Umbel, is situated between the Calyx and the flower, from whence the fruit-stalks emerge that support the flowers; this is when it is simple. But it is compound, when other smaller ones rise out of the primary ones: these are called Umbellulæ, or partial umbels: the term is more generally applied to the whole bunch of flowers; as in Parsley, &c.

4. *Cyma*, Cyme, is but another sort of Umbel, and is also more frequently applied as a name for the bunch of flowers, than merely to the receptacle; it is the point whence a number of fruit-stalks are united, which produce others that support the flowers: these last diverge, and form a flattened bunch, as in the Elder, and Laurustine.

5. *Spadix*, Spadix, is a receptacle growing out of a sheath, supporting the fructification, as in Palms, &c.

I have added a few of the terms of art necessary to understanding the descriptions, for determining specific characters. These are taken from the different parts of the whole plant: it is, first, divided into,

1. *Radix*, the Root; and 2. *Herba*, the part above ground; these Linnaeus calls the *Caudex* descendens and ascendens.

First of the Root.

The Root is described as taking twelve different forms.

1. *Fibrosa*, Fibrous, as in the Grasses.
2. *Ramosa*, Branching, as of the Elm.
3. *Fusiformis*, Spindle-shaped, as in the Carrot.
4. *Pramorsa*, End-bitten, as in Scabious.
5. *Repens*, Creeping, as in Mint.
6. *Articulata*, Jointed, as in *Cyrilla pulchella*.
7. *Globosa*, Globular, as in the Earth-nut.
8. *Tuberosa*, Tuberous, as Potatoes.
9. *Fascicularis*, Bundled, as in Garden Ranunculus.
10. *Palmata*, Hand-shaped, as in Orchis.
11. *Bulbosa*, Bulbous: this may be either solid, 1. *Solida*, solid, as in *Ixias*; 2. *Tunicata*, coated as the Onion; 3. *Squamosa*, scaled, as in the Lily: 4. *Granulata*, Granulated, as in Saxifrage.
12. *Pendula*, Hanging together, as in Drop-wort.

Secondly of the Herb, or Plant above Ground.

It is divided into five objects, 1. *Truncus*, the Stem; on which grow, 2. *Folia*, the Leaves; 3. *Fulcra*, the Supports; 4. *Inflorescentia*, the Inflorescence; 5. *Fructificatio*, the Fructification.

I. TRUNCUS, the Stem or Trunk.

This part, as to its durability, is either *Herbaceous*, Stem-perishing; *Suffruticosus*, Half-shrubby; *Fruticosus*, Shrubby; or, *Arboreus*, Tree-growing; and is termed,

1. *Caulis*, a Stem, generally for woody and many Herbaceous plants.
2. *Culmus*, a Culm, as in the Grasses.
3. *Scapus*, a Scape, as the flower-stalk of the Tulip.
4. *Stipes*, a Stipe, the stalk of a Fungus.
5. *Frons*, a Frond, as the leaves of Palms.

The descriptive terms for the characters of these, and their Branches, are as under.

- | | |
|------------------------------------------|------------------------------------------|
| 1. <i>Aculeatus</i> , prickly. | 7. <i>Ascendens</i> , ascending. |
| 2. <i>Acutangulus</i> , sharp-angled. | 8. <i>Brachiatus</i> , spread like arms. |
| 3. <i>Alternis</i> , alternate-branches. | 9. <i>Bulbiferus</i> , bulb-bearing. |
| 4. <i>Anceps</i> , two-edged. | 10. <i>Compressus</i> , flattened. |
| 5. <i>Aphyllus</i> , leafless. | 11. <i>Confertis</i> , branches crowded. |
| 6. <i>Articulatus</i> , jointed. | 12. <i>Declinatus</i> , bent downwards. |

- | | |
|-----------------------------------------------------------|--------------------------------------------------|
| 13. <i>Dichotomus</i> , dividing by pairs. | 44. <i>Patens</i> , spreading out. |
| 14. <i>Diffusus</i> , spreading loosely. | 45. <i>Procumbens</i> , trailing. |
| 15. <i>Digonus</i> , <i>Trigonus</i> , &c. two-sided, &c. | 46. <i>Prolifer</i> , <i>proliferous</i> . |
| 16. <i>Distichus</i> , pointing two ways. | 47. <i>Ramosus</i> , branching. |
| 17. <i>Divaricatus</i> , straddling branch. | 48. <i>Reclinatus</i> , reclined. |
| 18. <i>Divergentibus</i> , spreading out. | 49. <i>Repens</i> , creeping. |
| 19. <i>Enodis</i> , without knots. | 40. <i>Rigidus</i> , harsh and stiff. |
| 20. <i>Erectus</i> , upright. | 41. <i>Sarmentosus</i> , rooting at the joints. |
| 21. <i>Fastigiatus</i> , branched equal. | 42. <i>Scaber</i> , rough by tubercles. |
| 22. <i>Fistulosus</i> , hollow as a pipe. | 43. <i>Scandens</i> , climbing by tendrils. |
| 23. <i>Flexuosus</i> , zigzag. | 44. <i>Simplex</i> , undivided stem. |
| 24. <i>Foliatus</i> , leafy. | 45. <i>Spinosis</i> , thorny. |
| 25. <i>Fulcratus</i> , branches drooping. | 46. <i>Striatus</i> , streaked. |
| 26. <i>Geniculatus</i> , knee-jointed. | 47. <i>Strictus</i> , straight and stiff. |
| 27. <i>Glaber</i> , smooth. | 48. <i>Suberosus</i> , corky. |
| 28. <i>Hispidus</i> , covered by bristles. | 49. <i>Sulcatus</i> , furrowed. |
| 29. <i>Integer</i> , branches none or few. | 50. <i>Teres</i> , cylindrical. |
| 30. <i>Laxus</i> , flexible. | 51. <i>Triquetus</i> , &c. three flat sides, &c. |
| 31. <i>Nudus</i> , naked, quite bare. | 52. <i>Votabilis</i> , twining. |
| 32. <i>Nodans</i> , nodding, hanging down. | 53. <i>Virgatus</i> , twiggly. |
| 33. <i>Parasiticus</i> , growing on another. | |

II. FOLIA, *Leaves*,

Are described under three characters—as, 1. *Simplicia*, simple and entire; 2. *Composita*, compound, or composed of a number of *Folioli*, little leaves; 3. *Determinatione*, by their determination, independent of shape; this last has four divisions.

Simple Leaves.

A simple leaf is that which is entire on one foot-stalk, and differs by its, 1. *Circumscriptione*, circumference; 2. *Angulis*, its angles; 3. *Margine*, by the margin; 4. *Superficie*, its surface; 5. *Apice*, its end; 6. *Substantia*, its substance.

Acinatiforme, scymitar-shape.
Acuminatum, tapered.
Acutum, pointed at the end.
Aculeatum, prickly.
Canaliculatum, channelled.
Carnosum, fleshy.
Cartilagineum, gristly and flexible.
Carinatum, keeled.
Ciliatum, fringed at the edge.
Cordatum, heart-shaped.
Crenatum, notched equally.
Crispum, curled.
Cucullatum, hooded.

Cuneiforme, wedge-shaped.
Deltoidum, triangular & 3-sided.
Dentatum, toothed.
Dolabriforme, hatchet-shaped.
Emarginatum, notched at the end.
Ensiforme, sword-shaped.
Erosum, gnawed at the edge.
Gibbum, gouty.
Glabrum, smooth.
Hastatum, halberd-shaped.
Hispidum, bristly.
Integerrimum, quite entire.
Lacerum, torn or ragged.

- Laciniatum**, jagged or irregularly slit.
Lanatum, woolly.
Lanceolatum, lance-shaped.
Lineare, linear of an equal breadth
Linguiforme, tongue-shaped.
Lobatum, lobed.
Lunulatum, crescent-shaped.
Lyratum, lyre-shaped.
Membranaceum, skinny like parchment.
Nervosum, nerved the extent of the leaf.
Nitidum, glossy.
Oblongum, oblong.
Obtusum, blunt-ended.
Orbiculatum, orbicular or circular
Ovale, oval or elliptic.
Ovatum, egg-shaped.
Palmatum, hand-shaped.
Panduræforme, fiddle-shaped.
Papillosum, nipped.
Partitum, divided nearly to the base.
Pilosum, hairy.
Pinnatifidum, feather-like cleft.
Planum, flat or even surfaced.
Plicatum, plaited.
Præmorsum, end-bitten.
Punctatum, dotted.
Quadrangulare, quadrangular.
Reniforme, kidney-shaped.
Retusum, bluntly scollop-ended.
Rotundum, round.
Rugosum, wrinkled.
Sagittatum, arrow-shaped.
Scabrum, rough with tubercules.
Serratum, toothed like a saw.
Sinuatum, waved-edg'd & indented
Spathulatum, spatula-shaped.
Spinosum, spiny.
Striatum, streaked.
Subulatum, awl-shaped.
Sulcatum, furrowed.
Teres, cylinder-shaped.
Tomentosum, downy.
Triquetrum, three-sided.
Truncatum, appearing cut off at the end.
Tubulosum, pipey or hollow.
Venosum, veiny.
Viscidum, clammy.
Undulatum, waved without indentations.

Compound Leaves.

These are formed by a number of leaflets, connected by one *petiole*, or foot-stalk, to the branch, and are termed;

- Articulatum**, jointed, one growing at the end of the other.
Digitatum, fingered, many springing at once from the end of the foot-stalk.
Binatum, as the last, with only two.
Ternatum, the same, with only three.
Quinatum, the same, with five.
Pinnatum, winged, the leaflets growing in ranks upon one straight foot-stalk.
 — **cum impari**, the same, with one at the end.
 — **cirrhosum**, ending with a tendril.
 — **abruptum**, ending by a pair of leaflets.
 — **oppositi**, the leaflets opposite to each other.
 — **alternatim**, the leaflets alternate.
 — **interrupte**, each pair of leaflets alternately less.
 — **articulatum**, the common foot-stalk jointed.
 — **decursive**, the leaflets forming, at their bases, small wings, running along the common foot-stalk.
 — **conjugatum**, that has but one pair of leaflets.
Decompositum, doubly compound, when the principle foot-stalk is so divided, that the divisions form, each, a compound leaf.

The Determination of the Leaves.

This character is formed upon four points: *Directio*, the direction; *Loco*, the place; *Insertio*, the insertion; and lastly, *Situs*, the situation.

<i>Acerosa</i> , linear and permanent.	<i>Imbricata</i> , tiled or scaled.
<i>Adpressum</i> , press'd close to.	<i>Inflexum</i> , bent inwards.
<i>Adversum</i> , adverse.	<i>Natans</i> , floating.
<i>Alterna</i> , alternate.	<i>Opposita</i> , opposite.
<i>Amplexicaule</i> , stem-embracing.	<i>Patens</i> , spreading out.
<i>Articulatum</i> , jointed.	<i>Peltatum</i> , shield-shaped.
<i>Axillare</i> , axillary.	<i>Perfoliatum</i> , surrounding the stem.
<i>Caespitum</i> , growing on the stem.	<i>Petiolatum</i> , with a foot-stalk.
<i>Conferta</i> , crowded.	<i>Quaterna</i> , growing by fours.
<i>Connatum</i> , appearing joined at the bases.	<i>Radicale</i> , growing from the roots.
<i>Decurrens</i> , winged to the stem.	<i>Radicans</i> , rooting.
<i>Demersum</i> , under the water.	<i>Rameum</i> , a branch leaf.
<i>Dependens</i> , hanging down.	<i>Reclinatum</i> , curved downwards.
<i>Disticha</i> , pointing two ways.	<i>Revolutum</i> , rolled back.
<i>Erectum</i> , upright.	<i>Seminale</i> , from the seed.
<i>Fasciculata</i> , bundled together.	<i>Sessile</i> , without a foot-stalk.
<i>Florale</i> , flower-leaf.	<i>Sparsa</i> , scattered.
<i>Horizontale</i> , horizontal.	<i>Stellata</i> , whorled like a star.
	<i>Vaginans</i> , sheathing.

III. *FULCRA, the Props or Supports.*

Of these there are seven kinds; 1. *Aculeus*, a Prickle; 2. *Bractea*, a Flower-leaf; 3. *Cirrhus*, a Tendril; 4. *Glandula*, a Glandule, or Gland; 5. *Pilus*, a Hair; 6. *Spina*, a Thorn; 7. *Stipula*, a Stipule, or Scale.

IV. *INFLORESCENTIA, Inflorescence.*

V. *FRUCTIFICATIO, Fructification.*

The names of the component parts of these two last, have been noticed before, as parts of the whole flower.

Perhaps it may not be objected to, by the yet unlearned Botanist, that we attempt to assist him a little further, by giving, in a few instances, the whole Generic and Specific characters of two or three common plants, by which to examine them with the living subjects. This will shew what parts are necessary to determine the Class or Order, and give an idea of the principles on which the Genera are distinguished, or have been originally determined as such. By the Essential Character is understood, those parts, only, of the fructification or inflorescence essential to each Genus, as differing in these from all others of the same Class and Order. These last characters are all which are placed before the species of each Genus, in all Botanical works where the species of plants alone are considered. For those who wish to make farther progress, the books I would recommend to assist in the pursuit, are Willdenow's *Genera and Species Plantarum*, with the help of Mr. Alton's *Hortus Kewensis*, for the latest names of Plants, and Miller's Dictionary, edited by Professor Martyn.

I shall pass the first Class, as the sexual parts of those plants composing it, are, mostly, too difficult and intricate for the Tyro in Botany to investigate.

SYRINGA vulgaris. — COMMON LILAC.

Class 2.

Order 1.

DIANDRA. MONOGYNIA.

Generic Character.

1. *Calyx*, the Flower-cup, is a perianthium of one leaf, tubular, small, four-cleft at the mouth, upright, and remaining.
2. *Corolla*, the Blossom, is of one leaf, funnel-shaped, the tube cylindrical and long, the limb four-parted, spreading and turned back, the segments linear and obtuse.
3. *Stamina*, the Chives are two, very short; the tips are small, and within the tube of the blossom.
4. *Pistillum*, the Receptacle, the growth of which is oblong; the shaft thread-shaped, the length of the chives; the summit two-cleft and thickish.
5. *Pericarpium*, the Seed-vessel is a capsule, oblong, flattened, and tapering, of two cells and two valves; the valves in a contrary direction to the partitions.
6. *Semina*, Seeds, are solitary, oblong, flattened, tapering to both ends, and skinny at the edges.

Essential Character.

Corolla quadrifida, Blossom four-cleft. *Capsula bilocularis*, Capsule two-celled.

Specific Character.

Foliis ovato-cordatis; Leaves between oval and heart-shaped.

Thus it is seen, by the parts here selected from the generic character, that all the essential difference of the Genus, from any of the Genera of this Class and Order, exists but in two points; namely, in having the Blossom four-cleft, and the Seed-vessel of two valves; and, that the Specific distinction rests on the shape of the leaves only.

DIGITALIS purpurea. — COMMON FOXGLOVE.

Class 14.

Order 2.

DIDYNAMIA. ANGIOSPERMIA.*Generic Character.*

1. *Calyx*, Flower-cup, is a Perianthium five-parted, segments roundish, pointed, and remaining; the highest narrower than the rest.
2. *Corolla*, Blossom of one petal, bell-shaped; tube large, spreading open, bellied out at the back side, cylindrical, and narrowed at the base; Limbus, or upper margin of the flower, small, four-cleft; the upper segment most open, and deeper notched than the rest.
3. *Stamina*, Chives; four filaments, awl-shaped, inserted into the base of the Corolla, all leaning to one side, two longer than the others; tips two-parted, tapering to the top.
4. *Pistillum*, Pointal; the germ is pointed at top; the shaft is simple, placed like the chives; summit sharp-pointed.
5. *Pericarpium*, the Seed-vessel, is an oval capsule, the length of the flower-cup, tapering to the top, having two cells and two valves, the valves bursting open on both sides.
6. *Semina*, Seeds, numerous and small.

Essential Generic Character.

Flower-cup five-cleft; Blossom bell-shaped, five-cleft, and bellied;
Capsule ovate, two-celled.

Specific Character.

The Leaflets of the flower-cup are oval and pointed; Blossoms obtuse,
the upper lip entire.

MALVA cypria. — CURLED MALLOW.

Class 16.

Order 7.

MONADELPHIA. POLYANDRIA.*Generic Character.*

1. *Calyx*, Flower-cup, double. The outer consists of three narrow, heart-shaped, pointed leaflets, which remain. The inner is formed of one half five-cleft, large, broader, and persistent, or remaining leaflet.
2. *Corolla*, Blossom, five petals, united at the base, obversely heart-shaped, end-bitten, and flat.
3. *Stamina*, Chives; the threads are numerous, and united at the base into a cylinder, loose above, inserted into the blossom; tips kidney-shaped.
4. *Pistillum*, Pointal; the germ is orbicular; the shaft, cylindrical, and short; summits numerous, bristly, the length of the shaft.
5. *Pericarpium*, is formed by a number of distinct capsules, shaped, when altogether, like a depressed globe, surrounding a columnar receptacle, to which they are attached, but splitting from within when ripe, they fall off.
6. *Semina*, Seeds, solitary, kidney-shaped.

Essential Generic Character.

Flower-cup double, the outer three-leaved, small; capsules numerous, but one seed in each.

Specific Character.

Stem upright, Leaves angular and curled, Flowers axillary and curled.

PASSIFLORA *cærules*.—COMMON PASSION FLOWER.

Class 16.

Order 2.

MONADELPHIA. PENTANDRIA.

This Genus, from the singular construction of the parts of fructification, has undergone many changes in its classification, owing, chiefly, to the situation of the stamina at the foot of the germ, and their connection at the base. Schreber and Thunberg placed it in *Pentandria*, and Swartz, with more propriety, has given it to *Monadelphica*, which is now commonly adopted in preference to its old station, *Gynandria*, given it by Linnæus. I have selected this Genus as interesting to the young Botanist, the parts, though curious, being easily detected.

Generic Character.

Calyx, the Flower-cup, is a perianthium five-parted, flat, colored, and like the petals.

Corolla. The Blossom has five petals, half lance-shaped, flat, blunt, of the same size and form with the flower-cup.

Nectarium. The Honey-cup is a triple crown; the outer longer, encircling the shaft within the blossom, more contracted above.

Stamina, Chives, five awl-shaped threads, fixed below the germ, united at bottom; spreading tips, incumbent, oblong, and blunt.

Pistillum, Pointal. The germ is roundish, and placed on a cylindrical straight column above the chives; three shafts, thicker above, spreading; summits beaded.

Pericarpium. The Seed-vessel is a flesh berry, nearly egg-shaped, one-celled, with a long foot-stalk.

Semina. Seeds numerous, oval, arillated or coated.

Receptacle of the Seeds triple, growing longitudinally to the rind of the seed-vessel.

Essential Character.

Flower-cup five-parted, colored. Blossom, five petals fixed to the flower-cup. Honey-cup, a thready crown. Berry with a long fruit-stalk.

Specific Character.

The Leaves hand-shaped, with five divisions, quite entire; foot-stalks with two glands on them; the threads of the nectary or honey-cup, shorter than the blossom.

CARTHAMUS tinctorius.—SAFF-FLOWER.

Class 19.

Order 1.

SYNGENESIA. POLYGAMIA æqualis.*Generic Character.*

Calyx. The common Flower-cup is oval, and imbricated or tiled; the scales are numerous, narrowed at the base—with an oval, flat, blunt leaflet added at the end.

Corolla. The compound Flower is uniform and tubular; the Hermaphrodite or Bisexual florets are equal; the proper Blossom to each floret is one-petalled, and funnel-shaped; the limb five-parted, upright, nearly equal.

Stamina. The Threads are five, hair-like, very short; the tips form a cylindrical tube.

Pistillum. The Germ is very short; the shaft is thread-shaped, and longer than the chives; the summit is simple.

Pericarpium, none; but the Flower-cup closes at the top.

Semina. The Seeds are solitary.

Receptaculum, or common Base of the florets, is flat, covered with hairs that are longer than the seeds.

Essential Character.

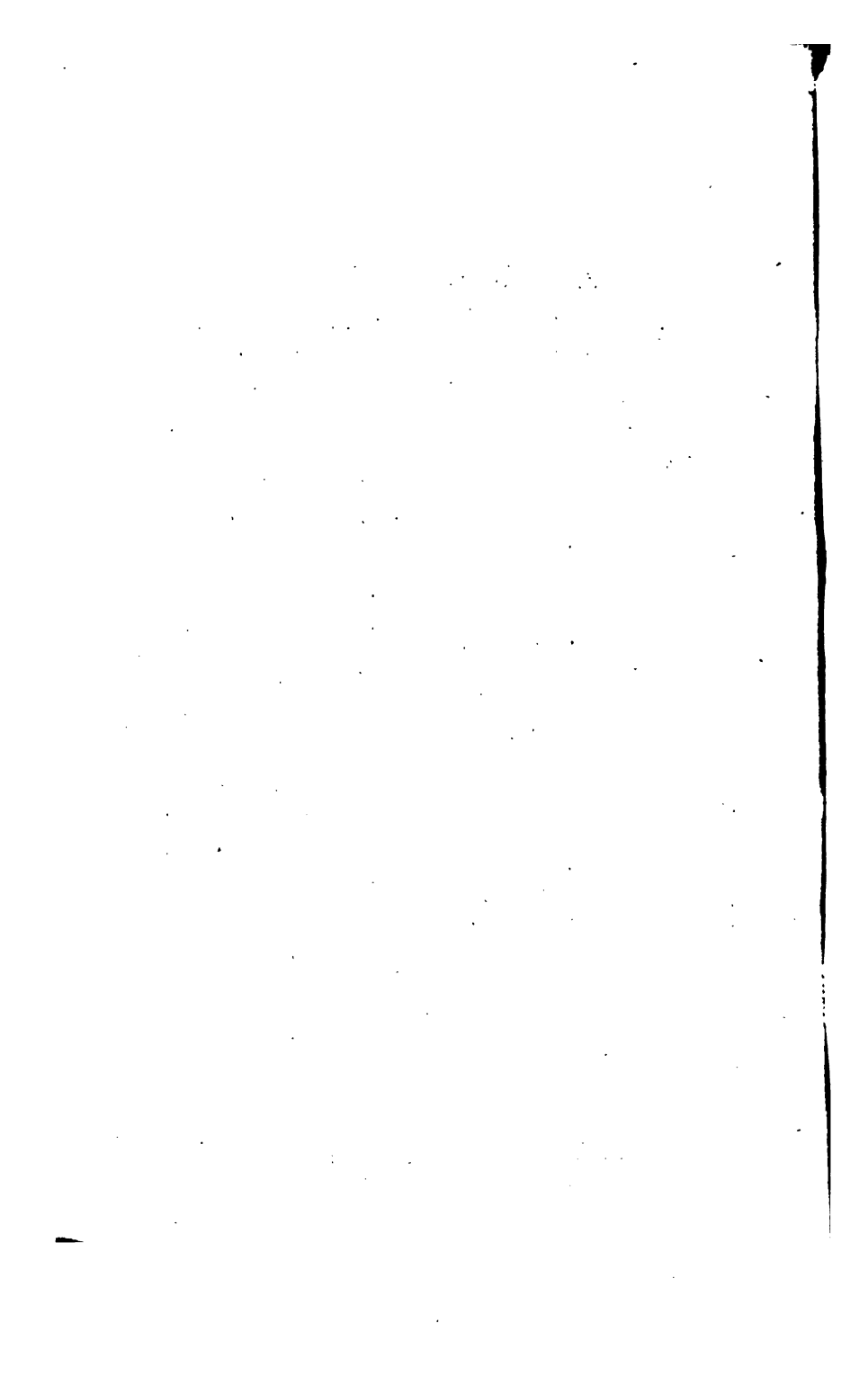
The **Calyx** is oval, imbricated or tiled, and the scales have a nearly oval leaflet appended to their points.

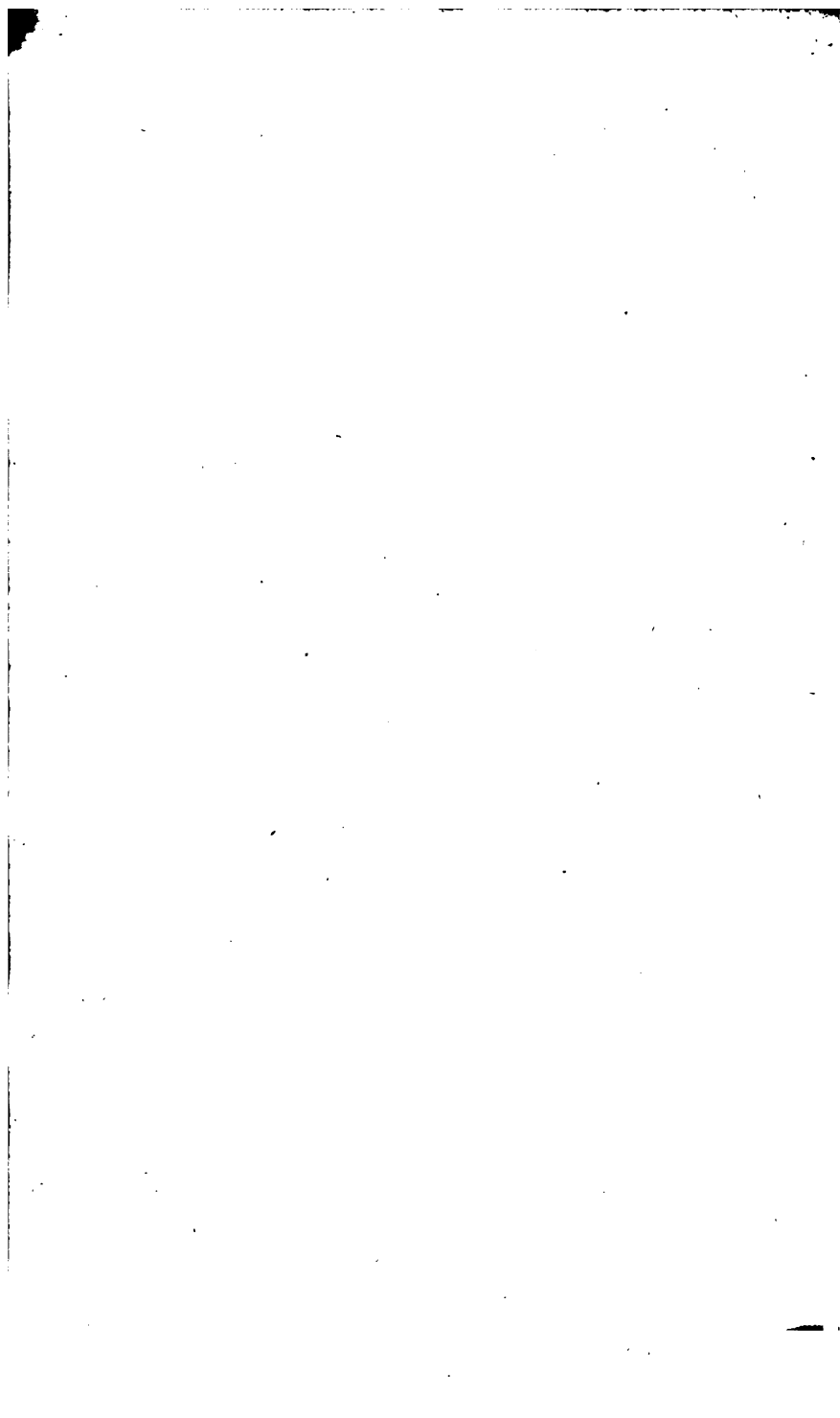
Specific Character.

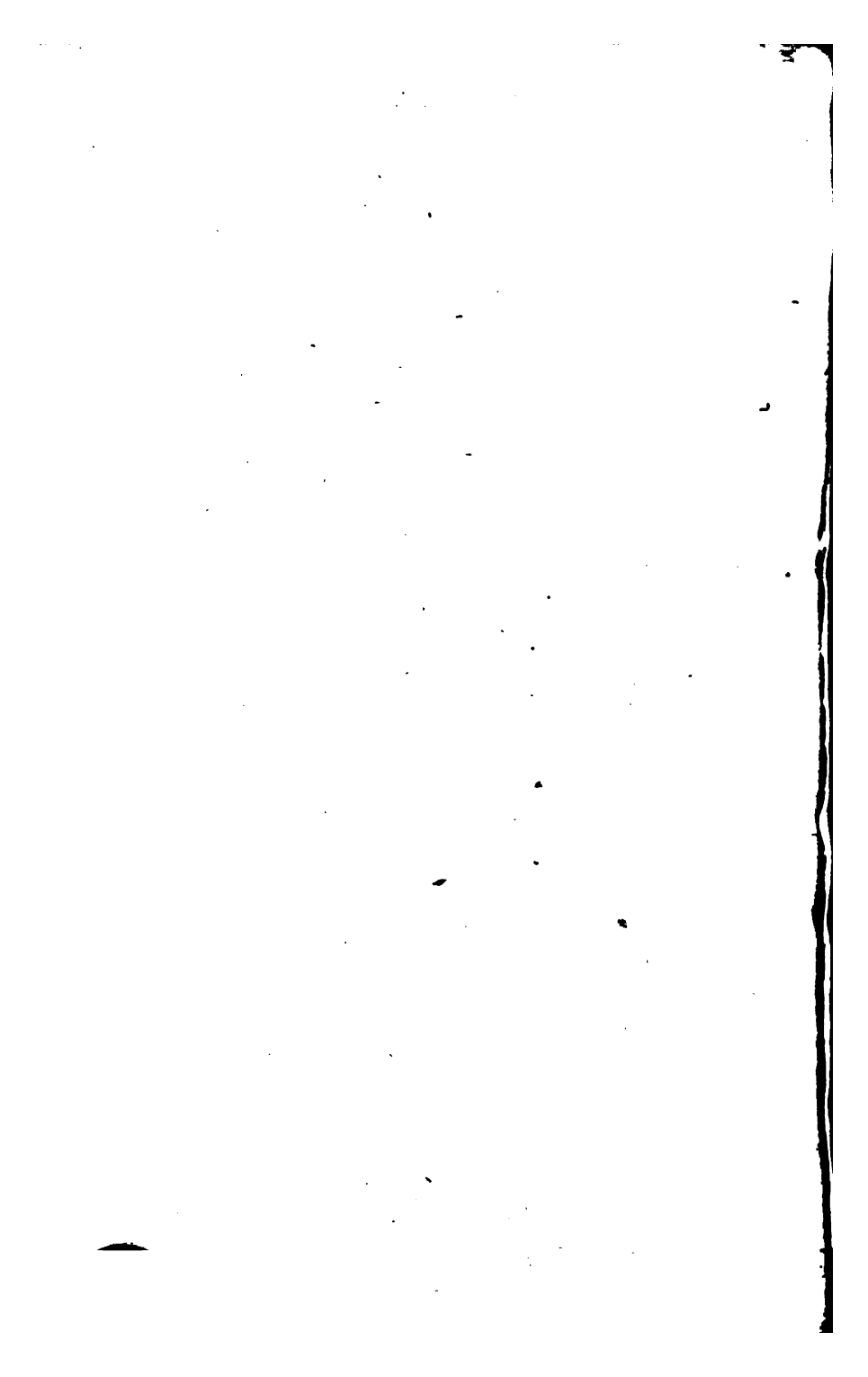
Leaves oval, entire, with spiny points at the end of the serratures.

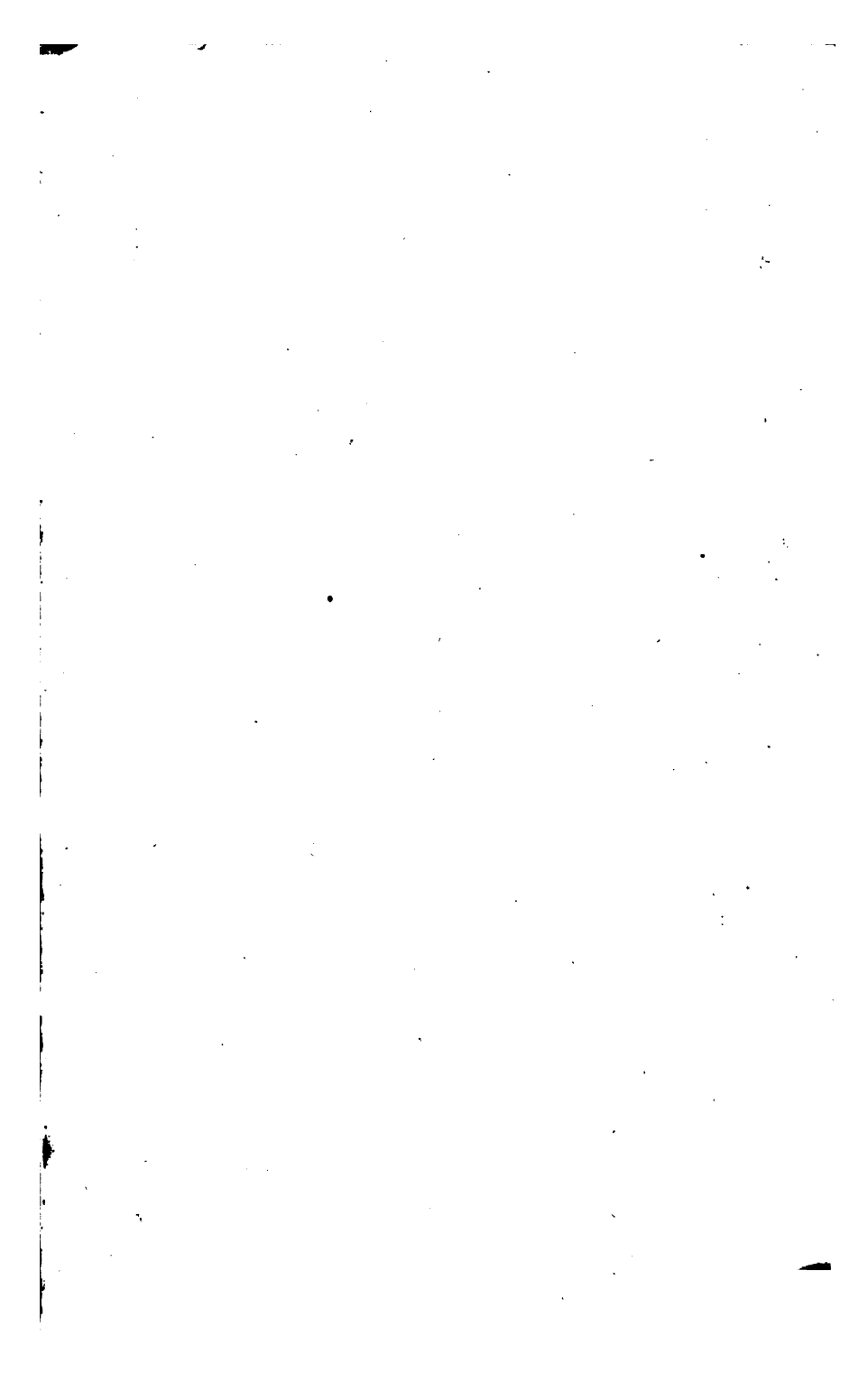
Nothing leads more readily to a knowledge necessary for the first distribution of Plants to their Botanical stations in this system, than an acquaintance with their outward appearance, or, as it is called, their natural families; these are styled, *Gramina*, *Liliaceæ*, *Palmæ*, *Piperitæ*, *Ensate*, *Orchideæ*, *Scitamineæ*, *Umbellatæ*, *Bicornes*, *Pomaceæ*, &c. &c. The French Botanists depend too much on this method. No doubt, if nature had not put, in too many instances, such insurmountable bars in the way, it would be the easiest and best; but, though it is a most excellent auxilliary, it will not answer for a principal; and this knowledge is no doubt a great desideratum to the young Botanist.

FINIS.













3 2044 102 800 034

